



iPhone User Guide

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Podcasts
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HomeKit
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iPhone at a glance

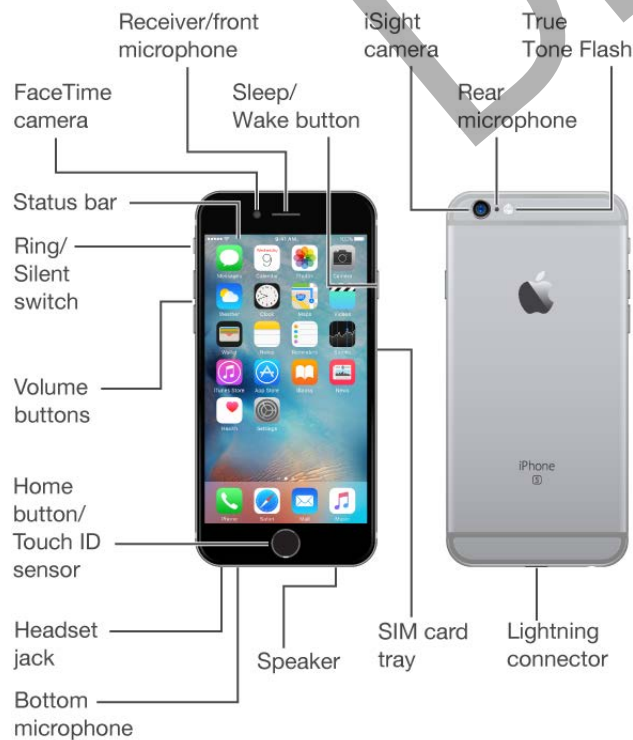
iPhone overview

This guide describes iOS 9.3 for:

- Model A1662
- A1732, A1724
- iPhone 6s
- iPhone 6s Plus
- iPhone 6
- iPhone 6 Plus
- iPhone 5s
- iPhone 5c
- iPhone 5

iPhone 4s

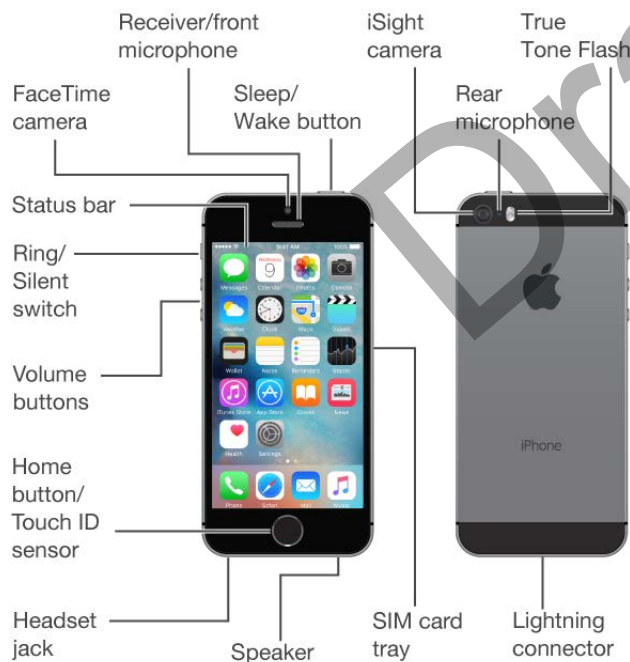
iPhone 6s



iPhone 6s Plus



iPhone 5s (to be replaced by A1662)



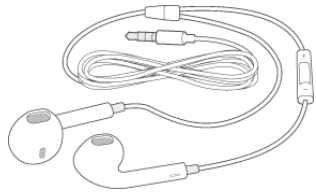
Your features and apps may vary depending on the model of iPhone you have, and on your location, language, and carrier. To find out which features are supported in your area, see www.apple.com/ios/feature-availability. To learn which features are available on your iPhone, see www.apple.com/iphone/compare.

Note: Apps and services that send or receive data over a cellular network may incur additional fees. Contact your carrier for information about your iPhone service plan and fees.

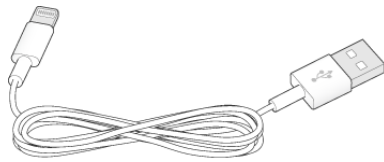
Accessories

The following accessories are included with iPhone:

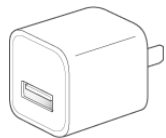
Apple headset. Use the Apple EarPods with Remote and Mic (iPhone 5 and later) or the Apple Earphones with Remote and Mic (iPhone 4s) to listen to music and videos, and make phone calls. See [Use an Apple headset](#).



Connecting cable. Use the Lightning to USB Cable (iPhone 5 and later) or the 30-pin to USB Cable (iPhone 4s) to connect iPhone to your computer to sync and charge.



Apple USB power adapter. Use with the Lightning to USB Cable or the 30-pin to USB Cable to charge the iPhone battery.

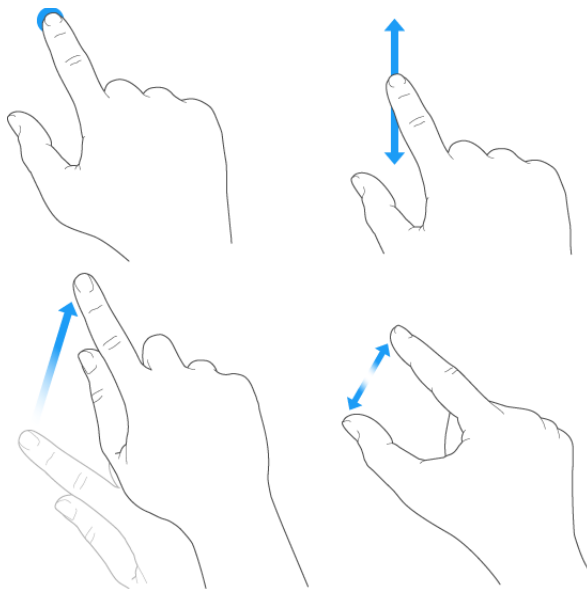


SIM eject tool. Use to eject the SIM card tray. (Not included in all areas.)



Multi-Touch screen

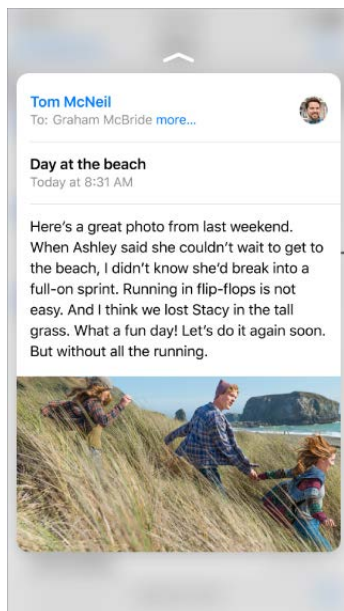
A few simple gestures—tap, drag, swipe, and pinch—are all you need to use iPhone and its apps.



3D Touch

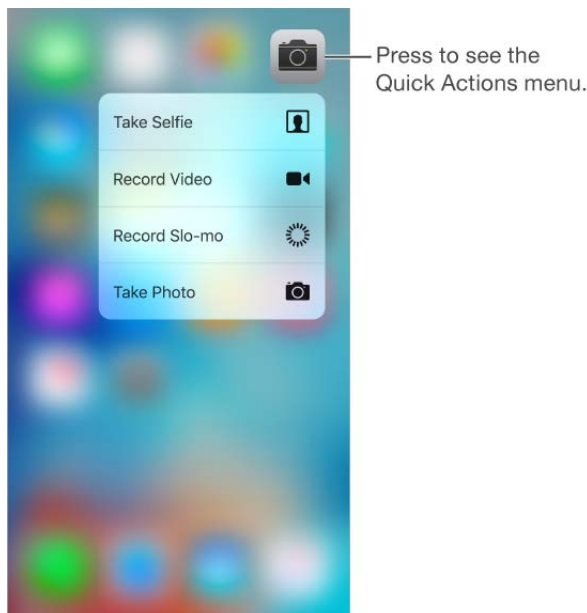
With the iPhone 6s and iPhone 6s Plus, you can use 3D Touch to see previews, find useful shortcuts, and more.

For example, in Mail, press a message in the mailbox list for a peek at the message contents, then slide up to see a list of actions. Or press a little deeper to pop the message open. In Photos, press to peek at an image; then swipe up to share or copy it, or press a little deeper to pop the image to full screen.



Press the message for a preview (Peek). Press deeper to open the full message (Pop).

In some cases you can press an item to get a Quick Actions menu. For example, you can press the Camera icon on the Home screen, then choose Take Selfie. Or press a name in Messages, then choose to create an email message, make a voice or video call, or send a message.



3D Touch lets you vary the pressure when you draw to change the quality of your lines (in some apps). For example, press as you draw in Notes to make a line darker. See [Create a sketch](#). You can also use 3D Touch to turn your keyboard into a trackpad and select text when typing. See [Edit text](#).

Among other things, you can use 3D Touch to:

- View or get information about a location by pressing a pin or an address in Maps. See [Get more info](#).
- View the contents of a playlist in Music by pressing the playlist. See [For You](#).
- Preview a webpage by pressing a link.
- Preview a specific note's content within a list by pressing the note in Notes. See [Organize and share notes](#).
- Preview a video by pressing a thumbnail in Photos. See [View photos and videos](#).
- Make a Live Photo come to life by pressing it in Photos. See [View photos and videos](#).
- Access your default card, relevant pass, or last transaction by pressing Wallet on the Home screen. See [Apple Pay](#).
- Get more information about movies, TV shows, and music videos in the Videos app by pressing a thumbnail.
- Learn how far you've read in a book in iBooks by pressing its cover. See [Organize books](#).
- Call, send a message to, or email a contact by pressing his or her phone number in Contacts.

- See a list of recommended games by pressing Games in Game Center.

Change 3D Touch sensitivity. Go to Settings > General > Accessibility > 3D Touch, then set 3D Touch sensitivity to Light, Medium, or Firm.

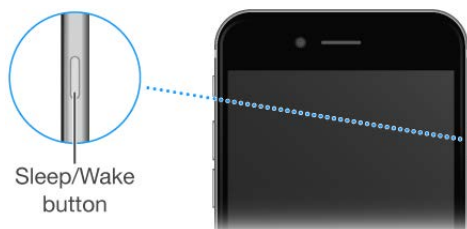
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Buttons

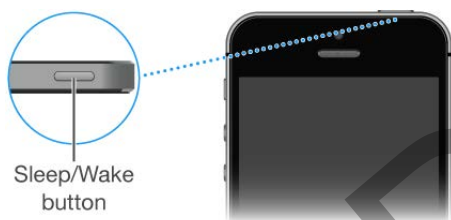
Sleep/Wake button

When you're not using iPhone, press the Sleep/Wake button to lock iPhone. Locking iPhone puts the display to sleep, saves the battery, and prevents anything from happening if you touch the screen. You can still get phone calls, FaceTime calls, text messages, alarms, and notifications. You can also listen to music and adjust the volume.

On iPhone 6, iPhone 6 Plus, iPhone 6s, and iPhone 6s Plus, the Sleep/Wake button is on the right side:



On iPhone 5s and earlier, as well as BÄÄÄÄ, the Sleep/Wake button is on the top edge:



iPhone locks automatically if you don't touch the screen for a minute or so. To adjust the timing, go to Settings > General > Auto-Lock.

Turn iPhone on. Press and hold the Sleep/Wake button until the Apple logo appears.

Unlock iPhone. Press either the Sleep/Wake or Home button, then drag the slider.

Turn iPhone off. Press and hold the Sleep/Wake button until the slider appears, then drag the slider.

For additional security, you can require a passcode to unlock iPhone. Go to Settings > Touch ID & Passcode (iPhone models with Touch ID) or Settings > Passcode (other models). See [Use a passcode with data protection](#).

Home button

The Home button takes you to the Home screen and provides other convenient shortcuts. On the Home screen, tap any app to open it.



See apps you've opened. Double-click the Home button when iPhone is unlocked. See [Start at home](#).

Use Siri or Voice Control. Press and hold the Home button. See [Make requests](#) and [Voice Control](#).

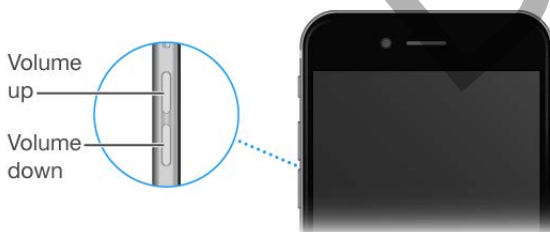
On iPhone 5s and later, you can use the sensor in the Home button to read your fingerprint, instead of using your passcode to unlock iPhone or Apple ID password to make purchases in the iTunes Store, App Store, and iBooks Store. See [Touch ID](#). If you have iPhone 6, iPhone 6 Plus, or later, you can also use the Touch ID sensor for authentication when using Apple Pay (in countries where Apple Pay is supported) to make a purchase in a store or from within an app. See [Touch ID](#) and [Apple Pay](#).

You can also use the Home button to turn accessibility features on or off. See [Accessibility Shortcut](#).

Volume controls

When you're on the phone or listening to songs, movies, or other media, the buttons on the side of iPhone adjust the audio volume. Otherwise, the buttons control the volume for the ringer, alerts, and other sound effects.

WARNING: For important information about avoiding hearing loss, see [Important safety information](#).



Lock the ringer and alert volumes. Go to Settings > Sounds, then turn off Change with Buttons. To limit the volume for music and videos, go to Settings > Music > Volume Limit.

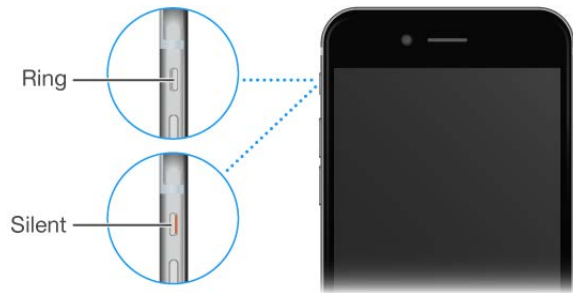
Note: In some European Union (EU) countries, iPhone may warn that you're setting the volume above the EU recommended level for hearing safety. To increase the volume beyond this level, you may need to briefly release the volume control. To limit the maximum headset volume to this level, go to Settings > Music > Volume Limit, then turn on EU Volume Limit. To prevent changes to the volume limit, go to Settings > General > Restrictions.

Use Control Center to adjust the volume. When iPhone is locked or when you're using another app, swipe up from the bottom edge of the screen to open Control Center.

You can also use either volume button to take a picture or record a video. See [Take photos and videos](#).

Ring/Silent switch


Flip the Ring/Silent switch to put iPhone in ring mode  or silent mode .



In ring mode, iPhone plays all sounds. In silent mode, iPhone doesn't ring or play alerts and other sound effects (but iPhone may still vibrate).

Important: Clock alarms, audio apps such as Music, and many games play sounds through the built-in speaker, even when iPhone is in silent mode. In some areas, the sound effects for Camera and Voice Memos are played, even if the Ring/Silent switch is set to silent.

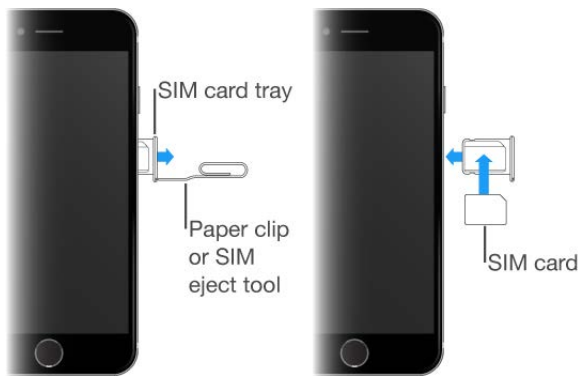
For information about changing sound and vibration settings, see [Sounds and silence](#).

Use Do Not Disturb. You can also silence calls, alerts, and notifications using Do Not Disturb. Swipe up from the bottom edge of the screen to open Control Center, then tap . See [Do Not Disturb](#).

SIM card

If you were given a SIM card to install, install it before setting up iPhone.




Important: A Micro-SIM card (iPhone 4s) or a Nano-SIM card (iPhone 5 and later) is required to use cellular services when connecting to GSM networks and some CDMA networks. iPhone that's been activated on a CDMA wireless network may also use a SIM card for connecting to a GSM network, primarily for international roaming. Your iPhone is subject to your wireless service provider's policies, which may include restrictions on switching service providers and roaming, even after conclusion of any required minimum service contract. Contact your wireless service provider for more details. Availability of cellular capabilities depends on the wireless network.



Status icons

The icons in the status bar at the top of the screen give information about iPhone:

Status icon		What it means
•••••	Cell signal	You're in range of the cellular network and can make and receive calls. If there's no signal, "No service" appears.
✈	Airplane mode	Airplane mode is on—you can't make phone calls, and other wireless functions may be disabled. See Travel with iPhone .
LTE	LTE	Your carrier's LTE network is available, and iPhone can connect to the Internet over that network. (iPhone 5 and later. Not available in all areas.) See Cellular settings .
4G	UMTS	Your carrier's 4G UMTS (GSM) or LTE network (depending on carrier) is available, and iPhone can connect to the Internet over that network. (Not available in all areas.) See Cellular settings .
3G	UMTS/EV-DO	Your carrier's 3G UMTS (GSM) or EV-DO (CDMA) network is available, and iPhone can connect to the Internet over that network. See Cellular settings .
E	EDGE	Your carrier's EDGE (GSM) network is available, and iPhone can connect to the Internet over that network. See Cellular settings .
GPRS	GPRS/1xRTT	Your carrier's GPRS (GSM) or 1xRTT (CDMA) network is available, and iPhone can connect to the Internet over that network. See Cellular settings .
Wi-Fi	Wi-Fi call	iPhone is set up for Wi-Fi calling. iPhone also displays a carrier name next to the icon. See Make a call .

	Wi-Fi	iPhone is connected to the Internet over a Wi-Fi network. See Connect to Wi-Fi .
	Do Not Disturb	“Do Not Disturb” is turned on. See Do Not Disturb .
	Personal Hotspot	iPhone is providing a Personal Hotspot for another device. See Personal Hotspot .
	Syncing	iPhone is syncing with iTunes. See Sync with iTunes .
	Network activity	Shows that there’s network activity. Some third-party apps may also use it to show an active process.
	Call Forwarding	Call Forwarding is set up. See Call forwarding, call waiting, and caller ID .
	VPN	You’re connected to a network using VPN. See Network access .
	TTY	iPhone is set to work with a TTY machine. See TTY support .
	Portrait orientation lock	The iPhone screen is locked in portrait orientation. See Change the screen orientation .
	Alarm	An alarm is set. See Alarms and timers .
	Location Services	An item is using Location Services. See Privacy .
	Bluetooth®	<p><i>Blue or white icon:</i> Bluetooth is on and paired with a device.</p> <p><i>Gray icon:</i> Bluetooth is on. If iPhone is paired with a device, the device may be out of range or turned off.</p> <p><i>No icon:</i> Bluetooth is turned off.</p> <p>See Bluetooth devices.</p>
	Bluetooth battery	Shows the battery level of a paired Bluetooth device.
	Battery	<p><i>Gray icon:</i> Shows the iPhone battery level or charging status. See Charge and monitor the battery.</p> <p><i>Yellow icon:</i> Low Power Mode is on. See Low Power Mode.</p>

Get started

What's new

Apps and app enhancements

Peek and Pop with a press. (iPhone 6s and iPhone 6s Plus) 3D Touch gives you more ways to interact with iPhone. For example, press to peek at images and documents, or display helpful options when pressing links, addresses, and phone numbers in email messages. Press a little deeper to pop open an item. While peeking, swipe up to see a list of actions. When you press some items—certain apps on the Home screen, for example—you get a Quick Actions menu. See [3D Touch](#).

Get the news. News makes it easy to follow stories from your favorite newspapers, magazines, and blogs. Pick your favorite topics and sources, and News collects the best stories, personalized just for you. (Not available in all areas.) See [News at a glance](#).

Richer notes. Create drawings, make checklists, take and import pictures, protect your notes with a password, add files and links to your notes, and share them with others. See [Notes at a glance](#).

More ways to get around. In select cities, Maps provides public transportation information and details your entire journey, from walking to the bus stop to hopping off at your destination. See [Find places](#).

Use more cards with Apple Pay. Apple Pay now supports Discover and store credit cards. And in addition to your credit and debit cards, you can add rewards cards to Wallet and receive and redeem rewards using Apple Pay. See [Apple Pay](#).

Wireless CarPlay. In cars that support it, connect iPhone to your car's display over Wi-Fi and use CarPlay without plugging in. See [Get started](#).

Find your friends or a misplaced iPhone. Find My Friends and Find My iPhone apps are now included with every iPhone, making it easier than ever to locate friends and family or find a missing device. See [Find My Friends](#) and [Find My iPhone](#).

Easily find third-party health apps. Tap a Health app parameter—steps, flights climbed, or heart rate, for example—to view related third-party apps.

Assistance—when and where you need it

A more understanding Siri. While looking at a webpage, tell Siri, “Remind me about this when I get home.” Or “play more songs like this” when you listen to music. See [Make requests](#).

Smarter search. Type “weather” and get up-to-date forecasts. Enter your favorite team to see sports scores and schedules. Search can even suggest contacts, apps, nearby places, and more that you might find useful, with no typing required. See [Search](#).

Answers before you ask for them. Based on the apps you commonly use and the time of day you use them, proactive assistant suggests things you might want to do next, before you ask. For example, opening the News app first thing in the morning or playing your “Chill Out” playlist before you go to bed. See [Proactive assistant](#).

Under-the-hood improvements

Night reading that’s easier on the eyes. Night Shift uses the clock and geolocation features on iPhone to determine when it’s sunset in your location. Then it automatically shifts the colors in your display to the warmer end of the spectrum. See [Adjust the screen brightness and color balance](#).

Control your home. iPhone communicates with your home’s smart technology. Use iPhone to set up your HomeKit accessories, and control them even when you’re away from home. See [HomeKit basics](#).

Better battery life. Turn on Low Power Mode, and iPhone reduces or disables non-essential features, helping your battery charge last longer. See [Low Power Mode](#).

Greater security. The default passcode on iPhone 5s and later is now six digits instead of four, and encrypts the data on iPhone automatically. In addition, two-factor authentication is an extra layer of security for your Apple ID designed to ensure that all the photos, documents, and other important data you store with Apple can be accessed only by you, and only with your devices. It’s built into iOS 9 and OS X El Capitan. See [Use two-factor authentication for security](#).

Set up iPhone

WARNING: To avoid injury, read [Important safety information](#) before using iPhone.

You can set up iPhone over a Wi-Fi network, or over your carrier’s cellular network (not available in all areas). Or connect iPhone to your computer and use iTunes to set up iPhone (see [Connect iPhone to your computer](#)).

Set up iPhone. Turn on iPhone, then follow the setup assistant.

Setup Assistant steps you through the process, including:


- Connecting to a Wi-Fi network
- Activating iPhone with your carrier
- Enabling location services
- Setting up a passcode and Touch ID
- Restoring data from a backup or another device (if applicable)
- Signing in with your Apple ID to enable iCloud, Apple Music, the App Store, and more
- Enrolling in two-factor authentication (if applicable)
- Setting up Apple Pay
- Setting up iCloud Keychain
- Enabling Siri
- Choosing display zoom (if applicable)


You can also restore iPhone from an iCloud or iTunes backup or migrate from an Android device during setup. See [Back up iPhone](#).

Note: Find My iPhone is turned on when you sign in with your Apple ID during setup. Activation Lock is engaged to help prevent anyone else from activating your iPhone, even if it is completely restored. Before you sell or give away your iPhone, you should reset it to erase your personal content and turn off Activation Lock. See [Sell or give away iPhone](#).

Some carriers let you unlock iPhone for use with their network. To see if your carrier offers this option, see support.apple.com/HT1937. Contact your carrier for authorization and setup information. You need to connect iPhone to iTunes to complete the process. Additional fees may apply. For more information, see support.apple.com/HT5014.

Connect to Wi-Fi

If  appears at the top of the screen, you're connected to a Wi-Fi network. iPhone reconnects anytime you return to the same location.

Configure Wi-Fi. Go to Settings > Wi-Fi, then turn Wi-Fi on or off. (You can also turn Wi-Fi  on or off in Control Center.)

- *Choose a network:* Tap one of the listed networks, then enter the password, if asked.
- *Ask to join networks:* Turn on Ask to Join Networks to be notified when a Wi-Fi network is available. Otherwise, you must manually join a network when a previously used network isn't available.

- *Join a closed Wi-Fi network:* Tap Other, then enter the name of the closed network. You need to know the network name, security type, and password.
- *Adjust the settings for a Wi-Fi network:* Tap ⓘ next to a network. You can set an HTTP proxy, define static network settings, turn on BootP, or renew the settings provided by a DHCP server.
- *Forget a network:* Tap ⓘ next to a network you've joined before, then tap Forget This Network.

Set up your own Wi-Fi network. If you have an unconfigured AirPort base station turned on and within range, you can use iPhone to set it up. Go to Settings > Wi-Fi and look for Set up an AirPort base station. Tap your base station and Setup Assistant will do the rest.

Manage an AirPort network. If iPhone is connected to an AirPort base station, go to Settings > Wi-Fi, tap ⓘ next to the network name, then tap Manage This Network. If you haven't yet downloaded AirPort Utility, tap OK to open the App Store, then download it.

Connect to the Internet

iPhone connects to the Internet whenever necessary, using a Wi-Fi connection (if available) or your carrier's cellular network. For information about connecting to a Wi-Fi network, see [Connect to Wi-Fi](#).

When an app needs to use the Internet, iPhone does the following, in order:

- Connects over the most recently used available Wi-Fi network
- Shows a list of Wi-Fi networks in range, and connects using the one you choose
- Connects over the cellular data network, if available

Note: If a Wi-Fi connection to the Internet isn't available, apps and services may transfer data over your carrier's cellular network, which may result in additional fees. Contact your carrier for information about your cellular data plan rates. To manage cellular data usage, see [Cellular settings](#).

Apple ID

Your Apple ID is the account you use for just about everything you do with Apple—including storing your content in iCloud; downloading apps from the App Store; streaming Apple Music content; buying music, movies, and TV shows from the iTunes Store; and purchasing books from the iBooks Store.

If you already have an Apple ID, use it when you first set up iPhone, and whenever you need to sign in to use an Apple service. If you don't already have an Apple ID, you can create one whenever you're asked to sign in. You only need one Apple ID for everything you do with Apple.

For more information, see appleid.apple.com.

iCloud

Safely store your photos and videos, documents, music, calendars, contacts, News favorites and saved stories, and more in iCloud so they're always available—even if you lose your iPhone.

Set up iCloud. Go to Settings > iCloud. Create an Apple ID if needed, or use your existing one. Content stored in iCloud is pushed wirelessly to your other devices signed in to iCloud with the same Apple ID.

iCloud is available on devices with iOS 5 or later, on Mac computers with OS X Lion v10.7.5 or later, and on PCs with iCloud for Windows 5 (Windows 10, Windows 8, or Windows 7 is required). You can also sign in to iCloud.com from any Mac or PC to access your iCloud information and features like Photos, Find My iPhone, Mail, Calendar, Contacts, iWork for iCloud, and more.

Note: iCloud may not be available in all areas, and iCloud features may vary by area. For more information, see www.apple.com/icloud.

iCloud features include:

- *Music, Movies, TV Shows, Apps, and Books:* Automatically get iTunes purchases on all your devices set up with iCloud, or download previous iTunes music and TV show purchases for free, anytime. With an iTunes Match subscription, all your music, including music you imported from CDs or purchased somewhere other than the iTunes Store, can also be stored in iCloud and played on demand. With an Apple Music membership, any music you added from Apple Music is accessible from iPhone. See [Apple Music](#). Download previous App Store and iBooks Store purchases to iPhone for free, anytime.
- *Photos:* Use iCloud Photo Library to store all your photos and videos in iCloud, and access them from any iOS 8.1 or later device, Mac with OS X Yosemite v10.10.3 or later, PC with iCloud for Windows 5, and on iCloud.com when using the same Apple ID. Use iCloud Photo Sharing to share photos and videos with just the people you choose, and let them add photos, videos, and comments. See [iCloud Photo Library](#) and [iCloud Photo Sharing](#).

- *Family Sharing*: Up to six family members can share their purchases from the iTunes Store, App Store, and iBooks Store. With an optional Apple Music family membership, all family members can use Apple Music. Pay for family purchases with the same credit card and approve kids' spending right from a parent's device. Plus, share photos, a family calendar, and more. See [Family Sharing](#).
- *iCloud Drive*: Safely store your presentations, spreadsheets, PDFs, images, and other documents in iCloud, and access them from your iPhone, iPad, iPod touch, Mac, or PC. iCloud Drive is available on any iOS 8 or later device and on any Mac with OS X Yosemite v10.10.0 or later. If you're using an earlier version of iOS, see [Set up iCloud Drive](#).
- *Mail, Contacts, Calendars*: Keep your mail, contacts, calendars, notes, and reminders up to date across all your devices.

Note: If you use iCloud to store your contacts and calendars, you can't use iTunes to sync them with your computer.

- *Safari Tabs*: See the tabs you have open on your other iOS devices and Mac computers. See [Browse the web](#).
- *News*: Access your favorite News sources and topics as well as the saved stories on all your iOS 9 devices set up with iCloud (not available in all areas). See [Get started with News](#).
- *Backup*: Back up iPhone to iCloud automatically when connected to power and Wi-Fi. iCloud data and backups sent over the Internet are encrypted. See [Back up iPhone](#).
- *Find My iPhone*: Locate your missing iPhone on a map, lock it remotely, play a sound, display a message, or erase all the data on it. Find My iPhone also includes Activation Lock, which requires your Apple ID and password to disable Find My iPhone, erase iPhone, or re-activate your device. See [Find My iPhone](#).
- *Find My Friends*: Share your location with friends and family. See [Find My Friends](#).
- *iCloud Keychain*: Keep your passwords and credit card information up to date across all your designated devices. See [iCloud Keychain](#).

You must be signed in to iCloud to use Apple Pay. See [Apple Pay](#).

With iCloud, you get a free email account and 5 GB of storage for your mail, documents, photos and videos, and backups. Your purchased music, apps, TV shows, and books don't count against your available storage space. You can optionally increase your iCloud storage by choosing a plan for up to 1 TB of storage. You can purchase additional storage plans right from your device.

Upgrade your iCloud storage. Go to Settings > iCloud > Storage, then tap Change Storage Plan. For information about upgrading your iCloud storage, see [iCloud Help](#).

View and download previous or shared purchases.

- *iTunes Store purchases:* Go to the iTunes Store, tap More, then tap Purchased. You can also access your purchased songs and videos in the Music and Videos apps. In Music, tap My Music. In Videos, tap Movies, TV Shows, or Music Videos.
- *App Store purchases:* Go to the App Store, tap Updates, then tap Purchased.
- *iBooks Store purchases:* Go to iBooks, then tap Purchased.

Turn on Automatic Downloads for music, apps, or books. Go to Settings > iTunes & App Store.

For more information about iCloud, see www.apple.com/icloud. For support information, see www.apple.com/support/icloud.

Set up other mail, contacts, and calendar accounts

iPhone works with Microsoft Exchange, and many of the most popular Internet-based mail, contacts, and calendar services.

Set up an account. Go to Settings > Mail, Contacts, Calendars > Add Account.

You can add contacts using an LDAP or CardDAV account, if your company or organization supports it. See [Add contacts](#).

You can add calendars using a CalDAV calendar account, and you can subscribe to iCalendar (.ics) calendars or import them from Mail. See [Use multiple calendars](#).

For information about setting up a Microsoft Exchange account in a corporate environment, see [Mail, Contacts, and Calendar](#).

Manage content on your iOS devices

You can transfer information and files between your iOS devices and computers, using iCloud or iTunes.

- *iCloud* stores your photos and videos, documents, music, calendars, contacts, and more. It all gets pushed wirelessly to your other iOS devices and computers, keeping everything up to date. See [iCloud](#).
- *iTunes* syncs music, videos, photos, and more between your computer and iPhone. Changes you make on one device are copied to the other when you sync. You can also use iTunes to sync files and documents. See [Sync with iTunes](#).

You can use iCloud or iTunes, or both, depending on your needs. For example, you can use iCloud to automatically keep your contacts and calendars up to date on all your devices, and use iTunes to sync music from your computer to iPhone.

You can also manually manage content from iTunes, in the device's Summary pane. This lets you add songs and videos, by choosing a song, video, or playlist from your iTunes library and then dragging it to your iPhone in iTunes. This is useful if your iTunes library contains more items than can fit on your device.

Note: If you use iTunes Match or have iCloud Music Library turned on, you can manually manage only video.

Connect iPhone to your computer

Connecting iPhone to your computer lets you sync content from your computer using iTunes. See [Sync with iTunes](#).

To use iPhone with your computer, you need:

- An Internet connection for your computer (broadband is recommended)
- A Mac or a PC with a USB 2.0 or 3.0 port, and one of the following operating systems:
 - OS X version 10.8 or later with iTunes 12.3 or later
 - Windows 10, Windows 8, or Windows 7 with iTunes 12.3 or later

Connect iPhone to your computer. Use the included Lightning to USB Cable or the 30-pin to USB Cable.



Sync with iTunes


Syncing with iTunes copies information from your computer to iPhone, and vice versa. You can sync by connecting iPhone to your computer, or you can set up iTunes to sync wirelessly with Wi-Fi. You can set iTunes to sync music, videos, photos, and more. For help syncing iPhone, open iTunes on your computer, choose Help > iTunes Help, then select Add items to iPod, iPhone, or iPad. iTunes is available at www.itunes.com/download.

Set up wireless syncing. Connect iPhone to your computer. In iTunes on your computer, select your iPhone, click Summary, then select Sync with this iPhone over Wi-Fi.

If Wi-Fi syncing is turned on, iPhone syncs when it's connected to a power source, both iPhone and your computer are on and connected to the same wireless network, and iTunes is open on your computer.

Ways to sync with iTunes on your computer

Connect iPhone to your computer, select it in iTunes, then set options in the different panes.

- If iPhone doesn't appear in iTunes, make sure you're using the latest version of iTunes, check that the included cable is correctly connected, then try restarting your computer.
- In the Summary pane, you can set iTunes to automatically sync iPhone when it's attached to your computer. To temporarily prevent syncing when you attach the device, hold down Command and Option (Mac) or Shift and Control (PC) until you see iPhone appear in the iTunes window.
- In the Summary pane, select "Encrypt iPhone backup" if you want to encrypt the information stored on your computer when iTunes makes a backup. Encrypted backups are indicated by a lock icon , and a password is required to restore the backup. If you don't select this option, other passwords (such as those for mail accounts) aren't included in the backup and you'll have to reenter them if you use the backup to restore iPhone.
- In the Music pane, you can sync your entire music library or just selected playlists, artists, albums, and genres.

Note: If you turn on iCloud Music Library, you can't use iTunes to sync music to iPhone.

- In the Photos pane, you can sync photos and videos from a supported app or folder on your computer.
- If you have iCloud contacts or iCloud calendars turned on, you can't use iTunes to sync contacts or calendars from your computer.
- If you turn on iCloud Photo Library, you can't use iTunes to sync photos and videos to iPhone.

Date and time

The date and time are usually set for you based on your location—take a look at the Lock screen to see if they're correct.

Set whether iPhone updates the date and time automatically. Go to Settings > General > Date & Time, then turn Set Automatically on or off. If you set iPhone to update the time automatically, it gets the correct time over the cellular network and updates it for the time zone you're in. Some carriers don't support network time, so in some areas iPhone may not be able to automatically determine the local time.

Set the date and time manually. Go to Settings > General > Date & Time, then turn off Set Automatically.

Set whether iPhone shows 24-hour time or 12-hour time. Go to Settings > General > Date & Time, then turn 24-Hour Time on or off. (24-Hour Time may not be available in all areas.)

Apple Watch

Use the Apple Watch app (not available in all areas) to learn more about Apple Watch, and to pair your Apple Watch with iPhone. Just tap the Apple Watch app, and follow the onscreen instructions.

International settings

Go to Settings > General > Language & Region to set:

- The language for iPhone
- The preferred language order for apps and websites
- The region format
- The calendar format
- Advanced settings for dates, times, and numbers

To add a keyboard for another language, go to Settings > General > Keyboard > Keyboards. For more information, see [Use international keyboards](#).

Your iPhone name

The name of your iPhone is used by both iTunes and iCloud.

Change the name of your iPhone. Go to Settings > General > About > Name.

View this user guide on iPhone

View the user guide in iBooks. Open iBooks, then search for "iPhone user" in the iBooks Store.

For more information about iBooks, see [Get books](#).

Tips for using iOS 9

The Tips app helps you get the most from iPhone.

Get Tips. Open the Tips app (found inside the Extras folder). New tips are added weekly.

Get notified when new tips arrive. Go to Settings > Notifications > Tips.

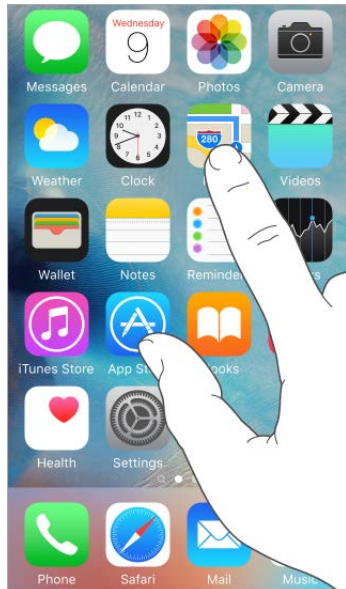
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Basics

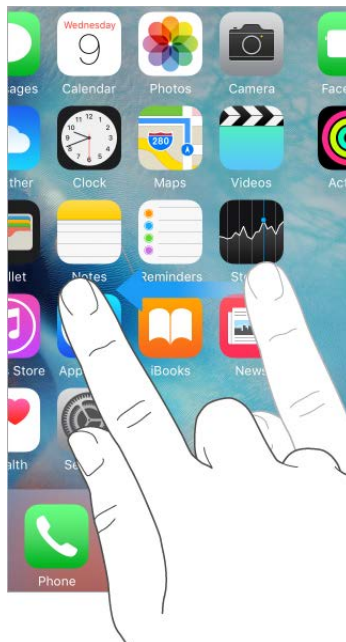
Use apps

Start at home

Tap an app to open it.



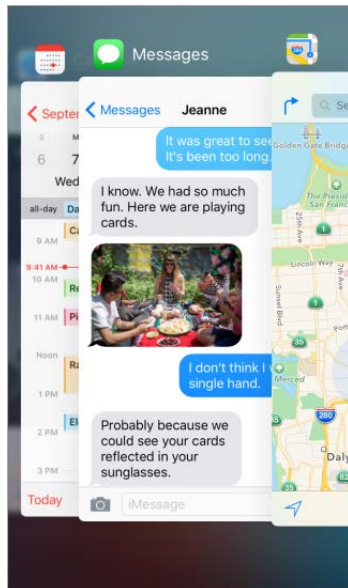
Press the Home button anytime to return to the Home screen. Swipe left or right to see other screens.



Switch between apps

You can easily switch between the apps you're using.

View open apps. Double-click the Home button to reveal your open apps. Swipe left or right to see more. To switch to another app, tap it. On iPhone 6s and iPhone 6s Plus, press the left edge of the screen, then swipe right to switch apps.

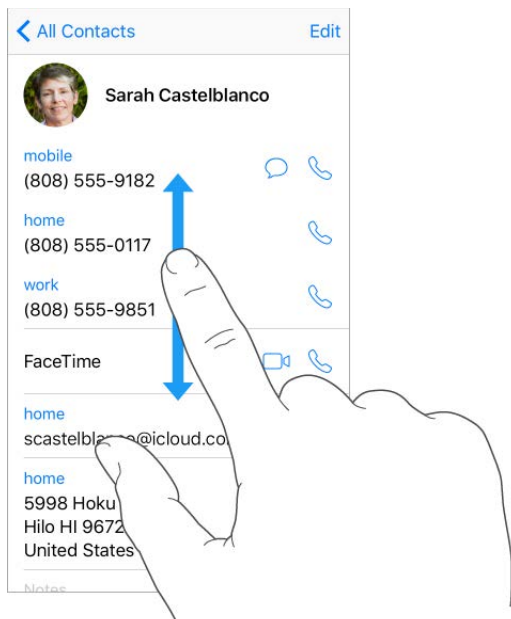


Close an app. If an app isn't working properly, you can force it to quit. Swipe the app up from the app switcher display. Then try opening the app again.

Search for apps. If you have lots of apps, you can use Search to find and open them. Drag right from the Home screen to see the Search screen, or drag the center of the Home screen down to see the search field. See [Search](#).

Look around

Drag a list up or down to see more. Swipe to scroll quickly; touch the screen to stop it. Some lists have an index—tap a letter to jump ahead.



Drag a photo, map, or webpage in any direction to see more.

To quickly jump to the top of a page, tap the status bar at the top of the screen.

Get a closer look

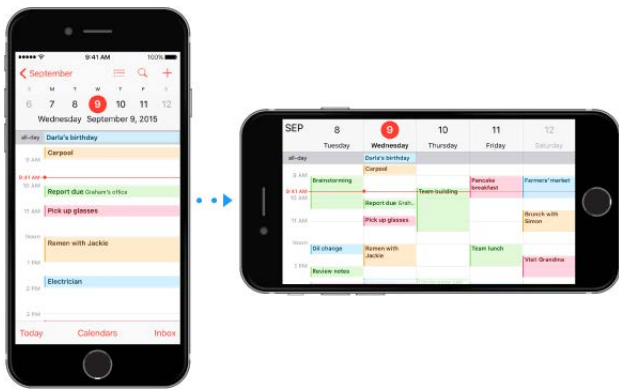
Pinch open a photo, webpage, or map for a close-up—then pinch closed to zoom back out. In Photos, keep pinching to see the collection or album the photo's in.





Or double-tap a photo or webpage to zoom in, and double-tap again to zoom out. In Maps, double-tap to zoom in and tap once with two fingers to zoom out.

Change the screen orientation

Many apps give you a different view when you rotate iPhone.



To lock the screen in portrait orientation, swipe up from the bottom edge of the screen to open Control Center, then tap .

The Portrait orientation lock icon  appears in the status bar when the screen orientation is locked.

When you use iPhone 6 Plus or later in landscape orientation, some apps have special layouts. These apps include:

- Mail
- Calendar
- Settings


Note: These special layouts are not available when Display Zoom is enabled.

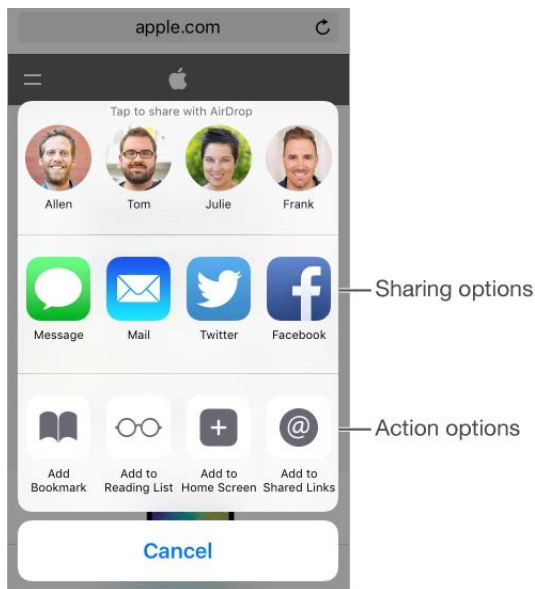
Reachability

If you have iPhone 6, iPhone 6 Plus, or later, and are using it in portrait orientation, lightly tap the Home button twice to slide the screen down so that you can reach everything with your thumb.

Turn off Reachability. Tap Settings > General > Accessibility, then turn off Reachability.


App extensions



Some apps let you extend the functionality of your iPhone. An app extension may appear as a sharing option, action option, a widget in Notification Center, a file provider, or a custom keyboard. For example, if you download Pinterest, Pinterest becomes another option for sharing when you click .



App extensions can also help you edit a photo or video in your Photos app. For example, you can download a photo-related app that lets you apply filters to photos from your Photos app.

Install app extensions. Download the app from the App Store, then open the app and follow the onscreen instructions.

Turn sharing or action options on or off. Tap , then tap More (drag options to the left if necessary). Turn off third-party sharing or action options (they are on by default).

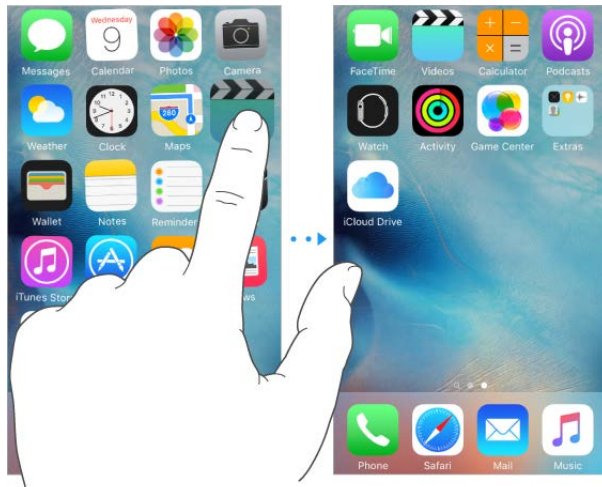
Organize sharing and action options. Tap , then tap More (drag options to the left if necessary). Touch and drag  to rearrange your options.

For more information about Notification Center widgets, see [Notification Center](#). For more information about Sharing options, see [Share from apps](#).

Customize iPhone

Arrange your apps

Arrange apps. Touch and hold any app on the Home screen until you see the app icons jiggle. Drag an app to move it. Drag an app to the edge of the screen to move it to a different Home screen, or to the Dock at the bottom of the screen (remove another app first). Press the Home button to save your arrangement.




Create a new Home screen. While arranging apps, drag an app to the right edge of the last Home screen. The dots above the Dock show how many Home screens you have, and which one you're viewing.

You can also customize the Home screen using iTunes, when iPhone is connected to your computer. In iTunes, select iPhone, then click Apps.

Start over. Go to Settings > General > Reset, then tap Reset Home Screen Layout to return the Home screen and apps to their original layout. Folders are removed and the original wallpaper is restored.

Remove apps

Remove apps. Touch and hold an app on the Home screen until you see the app icons jiggle, then tap  in the upper right corner. When you finish, press the Home button. Removing an app deletes all of its data.

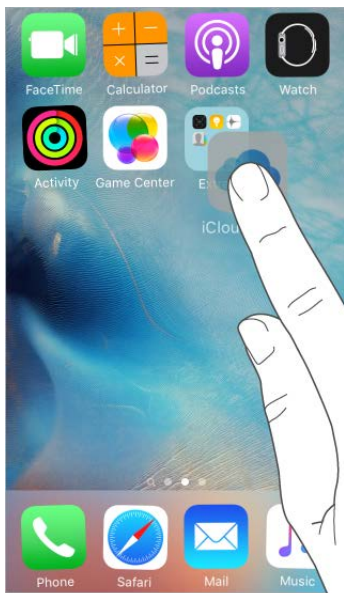
In addition to removing third-party apps, you can remove some of the apps that come loaded on your iPhone including Game Center, Stocks, and Apple Watch.

You can reinstall apps by downloading them from the App Store. For more information, see [Purchase, redeem, and download](#).

Note: The ability to remove apps is not available in all areas.

Organize with folders

Create a folder. While arranging apps, drag one app onto another. Tap the name of the folder to rename it. Drag apps to add or remove them. Press the Home button when you finish.



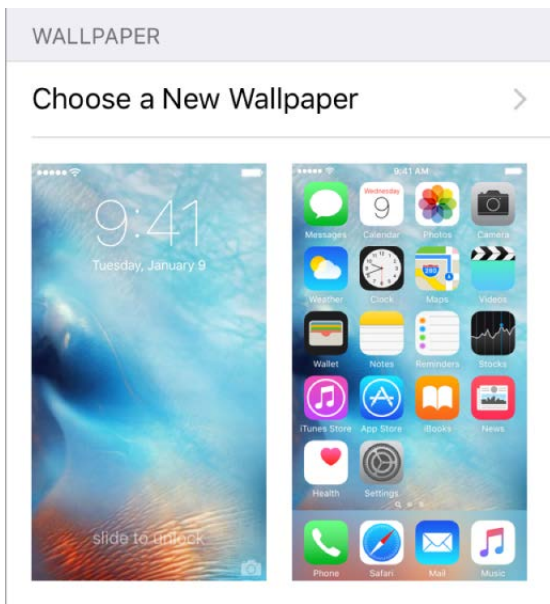
You can have multiple pages of apps in a folder.

Delete a folder. Drag out all the apps—the folder is deleted automatically.

Change the wallpaper

Wallpaper settings let you set an image or photo as wallpaper for the Lock screen or Home screen. You can choose from dynamic and still images.

Change the wallpaper. Go to Settings > Wallpaper > Choose a New Wallpaper.



When choosing an image for new wallpaper, the Perspective Zoom button determines whether your selected wallpaper is zoomed. For wallpaper you already set, go to the Wallpaper setting, then tap the image of the Lock screen or Home screen to see the Perspective Zoom button.

Note: The Perspective Zoom button doesn't appear if Reduce Motion (in Accessibility settings) is turned on. See [Reduce screen motion](#).

Play a Live Photo on the Lock screen. Go to Settings > Wallpaper > Choose a New Wallpaper. Tap Live, then choose a Live Photo or choose one of your own Live Photos (under Photos). Tap Set, then tap Set Lock Screen. When on the Lock screen, press to play the Live Photo. See [Use Live Photos](#).

Adjust the screen brightness and color balance

Dim the screen or use Auto-Brightness to extend battery life. Use Night Shift to alter display colors for better viewing after sunset.



Adjust the screen brightness. Go to Settings > Display & Brightness, then drag the slider. If Auto-Brightness is on, iPhone adjusts the screen brightness for current light conditions using the built-in ambient light sensor. You can also adjust the brightness in Control Center.

Want better viewing after sunset? Go to Settings > Display & Brightness > Schedule, then choose From Sunset to Sunrise. iPhone uses the data from your clock and your location to determine when it's nighttime for you.

Adjust the color balance. Go to Settings > Display & Brightness, then drag the slider toward the warmer or cooler end of the spectrum. Or, if you're in a darkened room during the day, turn on Night Shift.

You can also access Night Shift in Control Center.

Display Zoom

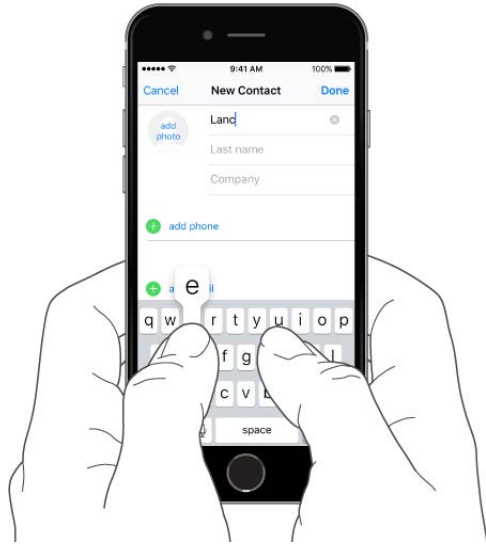
With iPhone 6, iPhone 6 Plus, and later, you can magnify the screen display. Go to Settings > Display & Brightness. Tap View (below Display Zoom), choose Zoomed, then tap Set. For additional zoom features, see [Zoom](#).

Draft

Type text

Enter text

Tap a text field to see the onscreen keyboard, then tap letters to type. If you touch the wrong key, you can slide your finger to the correct key. The letter isn't entered until you release your finger from the key.



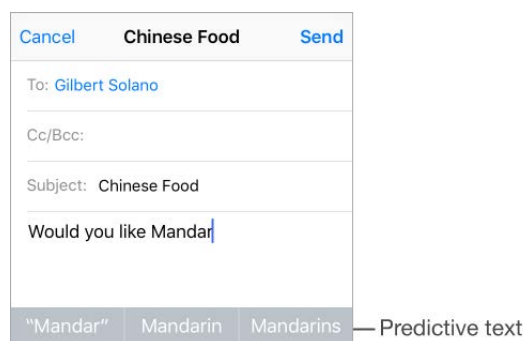
Tap Shift to type uppercase, or touch the Shift key and slide to a letter. Double-tap Shift for caps lock. To enter numbers, punctuation, or symbols, tap the Number key 123 or the Symbol key #+=. If you haven't added any keyboards, tap 😊 to switch to the Emoji keyboard. If you have multiple keyboards, tap 🌐 to switch to the last one you used. Continue tapping to access other enabled keyboards, or touch and hold 🌐, then slide to choose a different keyboard. To quickly end a sentence with a period and a space, just double-tap the space bar.



If you see a word underlined in red, tap it to see suggested corrections. If the word you want doesn't appear, type the correction.

As you write, the keyboard predicts your next word (not available in all languages). Tap a word to choose it, or accept a highlighted prediction by entering a space or punctuation. When you tap a suggested word, a space appears after the word. If you enter a comma,

period, or other punctuation, the space is deleted. Reject a suggestion by tapping your original word (shown as the predictive text option with quotation marks).



Hide predictive text. Pull down the suggested words. Drag the bar up when you want to see the suggestions again.

Turn off predictive text. Touch and hold  or , then slide to Predictive.

If you turn off predictive text, iPhone may still try to suggest corrections for misspelled words. Accept a correction by entering a space or punctuation, or by tapping return. To reject a correction, tap the "x." If you reject the same suggestion a few times, iPhone stops suggesting it.

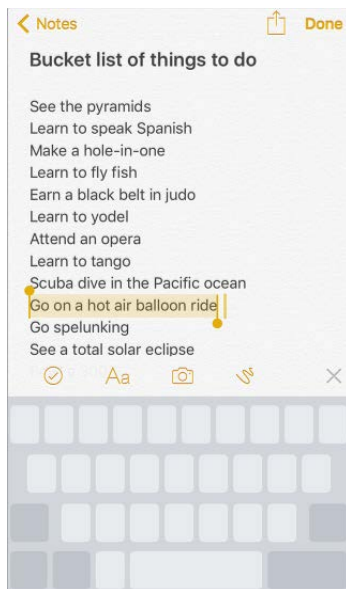
Set options for typing or add keyboards. Go to Settings > General > Keyboard.

The onscreen keyboard for iPhone 6, iPhone 6 Plus, and later includes additional keys you may find useful. You can see these keys when you hold iPhone in landscape orientation.

You can also use an Apple Wireless Keyboard to enter text. See [Use an Apple Wireless Keyboard](#). To dictate instead of typing, see [Dictate](#).

Edit text

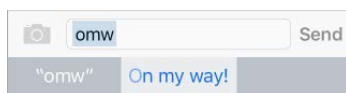
Revise text. Touch and hold the text to show the magnifying glass, then drag to position the insertion point.



Undo the last edit. Shake iPhone, then tap Undo.

Save keystrokes

A shortcut lets you enter a word or phrase by typing just a few characters. For example, type “omw” to enter “On my way!” That one’s already set up for you, but you can also add your own.



Create a shortcut. Go to Settings > General > Keyboard, then tap Text Replacement.

Have a word or phrase you use and don’t want it corrected? Create a shortcut, but leave the Shortcut field blank.

Use iCloud to keep your personal dictionary up to date on your other devices. Go to Settings > iCloud, then turn on iCloud Drive or Documents & Data.


Use an Apple Wireless Keyboard


You can use an Apple Wireless Keyboard (available separately) to enter text on iPhone. The keyboard connects via Bluetooth, so you must first pair it with iPhone.

Note: The Apple Wireless Keyboard may not support keyboard features that are on your device. For example, it doesn’t anticipate your next word or automatically correct misspelled words.

Pair an Apple Wireless Keyboard with iPhone. Turn on the keyboard, go to Settings > Bluetooth and turn on Bluetooth, then tap the keyboard when it appears in the Devices list.

Once it's paired, the keyboard reconnects to iPhone whenever it's in range—up to about 33 feet (10 meters). When it's connected, the onscreen keyboard doesn't appear.

Save your batteries. Turn off Bluetooth and the wireless keyboard when not in use. You can turn off Bluetooth  in Control Center. To turn off the keyboard, hold down the On/off switch until the green light goes off.

Unpair a wireless keyboard. Go to Settings > Bluetooth, tap  next to the keyboard name, then tap Forget this Device.




See [Bluetooth devices](#).

Add or change keyboards

You can turn typing features, such as spell checking, on or off; add keyboards for writing in different languages; and change the layout of your onscreen keyboard or Apple Wireless Keyboard.

Set typing features. Go to Settings > General > Keyboard.

Add a keyboard for another language. Go to Settings > General > Keyboard > Keyboards > Add New Keyboard.

Switch keyboards. If you haven't added any keyboards, tap  to switch to the Emoji keyboard. If you have multiple keyboards, tap  to switch to the last one you used. Continue tapping to access other enabled keyboards, or touch and hold , then slide to choose a different keyboard.

For information about international keyboards, see [Use international keyboards](#).

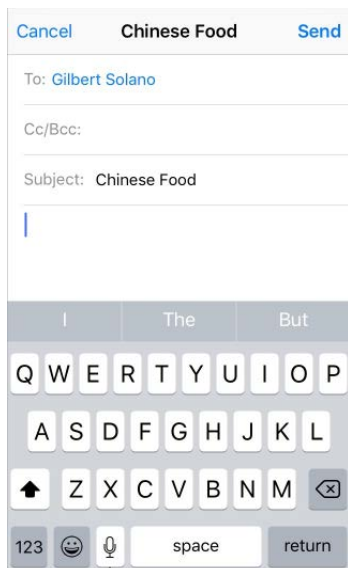
Change the keyboard layout. Go to Settings > General > Keyboard > Keyboards, select a keyboard, then choose a layout.

Dictate


If you like, you can dictate instead of typing. Make sure Enable Dictation is turned on (in Settings > General > Keyboard) and iPhone is connected to the Internet.

Note: Dictation may not be available in all languages or in all areas, and features may vary. Cellular data charges may apply. See [Cellular settings](#).

Dictate text. Tap  on the onscreen keyboard, then speak. Tap Done when you finish.



Tap to begin dictation.

Add text. Tap  again and continue dictating. To insert text, tap to place the insertion point first. You can also replace selected text by dictating.

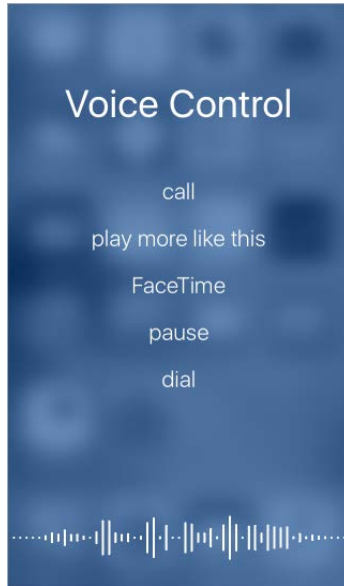
Add punctuation or format text. Say the punctuation or format. For example, “Dear Mary comma the check is in the mail exclamation mark” becomes “Dear Mary, the check is in the mail!” Punctuation and formatting commands include:

- quote ... end quote
- new paragraph
- new line
- cap—to capitalize the next word
- caps on ... caps off—to capitalize the first character of each word
- all caps—to make the next word all uppercase
- all caps on ... all caps off—to make the enclosed words all uppercase
- no caps on ... no caps off—to make the enclosed words all lowercase
- no space on ... no space off—to run a series of words together
- smiley—to insert :-)
- frowny—to insert :-(
- winky—to insert ;-)

Voice Control

Voice Control lets you make phone calls and FaceTime calls, and control music playback, if you have Siri turned off. (For information about using Siri to control iPhone by voice, see [Make requests](#).)

Note: Voice Control and Voice Control settings aren't available when Siri is turned on.



Use Voice Control. Turn Siri off in Settings > General > Siri, then press and hold the Home button until the Voice Control screen appears and you hear a beep, or press and hold the center button on your headset. See [Use an Apple headset](#).

For best results:

- Speak clearly and naturally.
- Say only Voice Control commands, names, and numbers. Pause slightly between commands.
- Use full names.

Change the language for Voice Control. By default, Voice Control expects you to speak voice commands in the language that's set for iPhone (in Settings > General > Language & Region). To use Voice Control in another language or dialect, go to Settings > General > International > Voice Control.

Voice Control for the Music app is always on, but you can keep Voice Control from dialing when iPhone is locked. Go to Settings > Touch ID & Passcode (iPhone 5s and later) or Settings > Passcode (other models), then turn off Voice Dial.

For specific commands, see [Make a call](#) and [Siri and Voice Control](#). For more about using Voice Control, including information about using Voice Control in different languages, see support.apple.com/HT201936.

Search

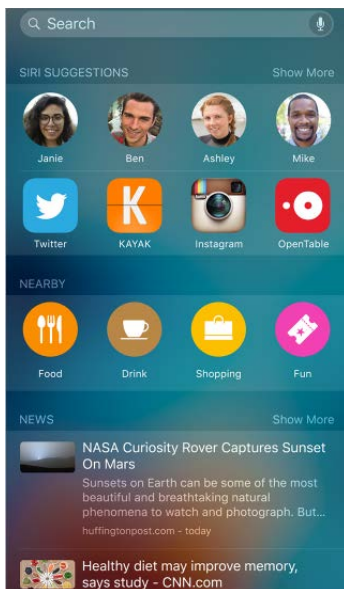
You can search iPhone, the Internet, and apps for useful information, including:

- Sports scores and schedules
- Weather forecasts
- Stock prices
- Quick conversions
- Calculations
- Places nearby
- Media, including music, TV shows, movies, and web videos
- Websites
- Content in apps (for supporting apps)

Siri provides more information even before you start to type. Siri suggests:

- Relevant people
- Suggested apps
- Places nearby
- Items in the news

Search with iPhone. Drag right from the Home screen to show Search. Tap an item to get more information, or tap the search field. Results occur as you type; to hide the keyboard and see more results on the screen, tap Search. Tap an item in the list to open it.



Choose what to search. Go to Settings > General > Spotlight Search, then tap to deselect apps or content.

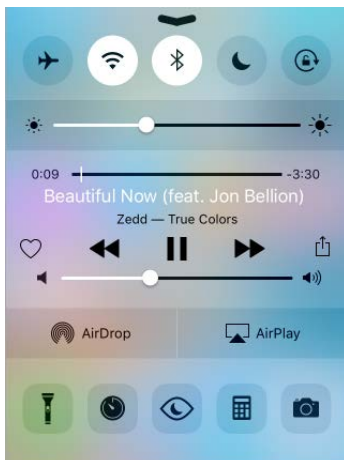
Turn off Siri Suggestions. Go to Settings > General > Spotlight Search.

Turn off Location Services for Spotlight Suggestions. Go to Settings > Privacy > Location Services. Tap System Services, then turn off Safari & Spotlight Suggestions.

Search in apps. Many apps include a search field where you can type to find something within the app. For example, in the Maps app, you can search for a specific location.

Control Center

Control Center gives you instant access to the camera, calculator, AirPlay, control and playback of currently playing audio, and other handy features. You can also adjust the brightness, lock the screen in portrait orientation, turn wireless services on or off, and turn on AirDrop. See [AirDrop](#).



Open Control Center. Swipe up from the bottom edge of any screen (even the Lock screen).

Open the currently playing audio app. Tap the song title.

Close Control Center. Swipe down, tap the top of the screen, or press the Home button.

Turn off access to Control Center in apps or on the Lock screen. Go to Settings > Control Center.

Draft

Alerts and Notification Center

Alerts

Alerts let you know about important events. They can appear briefly at the top of the screen, or remain in the center of the screen until you acknowledge them.

Some apps may include a badge on their Home screen icon, to let you know how many new items await—for example, the number of new email messages. If there's a problem—such as a message that couldn't be sent—an exclamation mark ⓘ appears on the badge. On a folder, a numbered badge indicates the total number of notifications for all the apps inside.



Alerts can also appear on the Lock screen.

Respond to an alert without leaving your current app. Pull down on the alert when it appears at the top of your screen.

Note: This feature works with text and email messages, calendar invitations, and more.

Respond to an alert when iPhone is locked. Swipe the alert from right to left.

Silence your alerts. Go to Settings > Do Not Disturb. You can also use Siri to turn Do Not Disturb on or off. Say “Turn on Do Not Disturb” or “Turn off Do Not Disturb.”

Set sounds and vibrations. Go to Settings > Sounds.

Notification Center

Notification Center collects your notifications in one place, so you can review them whenever you're ready. View details about your day—such as the weather forecast, appointments, birthdays, stock quotes, and even a quick summary of what's coming up tomorrow. Tap the Notifications tab to review all your alerts.

Open Notification Center. Drag down from the top edge of the screen.



Set Today options. To choose what information appears, tap the Edit key at the end of your information on the Today tab. Tap + or — to add or remove information. To arrange the order of your information, touch ≡, then drag it to a new position.

Set notification options. Go to Settings > Notifications. Tap an app to set its notification options. For example, choose to view a notification from the Lock screen. You can also tap Edit to arrange the order of app notifications. Touch ≡, then drag it to a new position.

Note: To include traffic conditions for your commute in the Today tab, make sure Frequent Locations is turned on in Settings > Privacy > Location Services > System Services > Frequent Locations.

Get government alerts. In some areas, you can turn on alerts in the Government Alerts list. Go to Settings > Notifications.

For example, in the United States, iPhone can receive presidential alerts, and you can turn AMBER and Emergency Alerts (which includes both Severe and Extreme Imminent Threat alerts) on or off (they're on by default). In Japan, iPhone can receive Emergency Earthquake Alerts from the Japan Meteorological Agency. Government alerts vary by carrier and iPhone model, and may not work under all conditions.

Choose whether to show Today and Notifications View on a locked screen. Go to Settings > Touch ID & Passcode (iPhone 5s and later) or Settings > Passcode (other models), then choose whether to allow access when locked.

Close Notification Center. Swipe up, or press the Home button.

Sounds and silence

You can change or turn off the sounds iPhone plays when you get a call, text, voicemail, email, tweet, Facebook post, reminder, or other event.



Set sound options. Go to Settings > Sounds for options such as ringtones and alert tones, vibration settings and patterns, and ringer and alert volumes.

Set vibration patterns. Go to Settings > Sounds, then choose an item from the Sounds and Vibration Patterns list. Tap Vibration to select a pattern or create your own.

If you want to temporarily silence incoming calls, alerts, and sound effects, see [Do Not Disturb](#) and [Ring/Silent switch](#).

Do Not Disturb

Do Not Disturb is an easy way to silence iPhone, whether you're going to dinner or to sleep. It keeps calls and alerts from making any sounds or lighting up the screen.

Turn on Do Not Disturb. Swipe up from the bottom edge of the screen to open Control Center, then tap . When Do Not Disturb is on,  appears in the status bar.


Note: Alarms still sound, even when Do Not Disturb is on. To make sure iPhone stays silent, turn it off.

Configure Do Not Disturb. Go to Settings > Do Not Disturb.

You can schedule quiet hours, allow calls from your Favorites or groups of contacts, and allow repeated calls to ring through for those emergency situations. You can also set whether Do Not Disturb silences iPhone only when it's locked, or even when it's unlocked.


Sharing

Share from apps

In many apps, you can tap Share or  to choose how to share your information. The choices vary depending on the app you're using. Additional options may appear if you've downloaded apps with sharing options. For more information, see [App extensions](#).

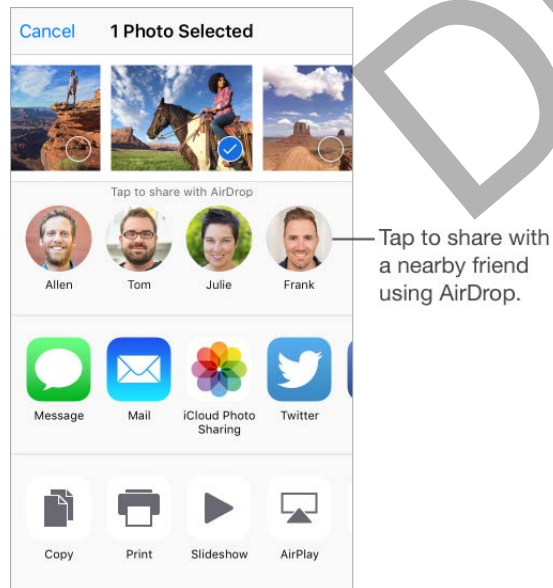
Use Twitter, Facebook, Flickr, Vimeo or other third-party apps with sharing options.

Sign in to your account in Settings. The third-party sharing buttons take you to the appropriate setting if you're not yet signed in.

Customize the way you share, view, and organize your information. Tap the More button, then touch and drag  to move items to new positions.

AirDrop

AirDrop lets you share your photos, videos, websites, locations, and other items wirelessly with other nearby devices (iOS 7 or later). With iOS 8 (or later), you can share with Mac computers with OS X Yosemite (or later). AirDrop transfers information using Wi-Fi and Bluetooth—both must be turned on. To use AirDrop, you need to be signed in to iCloud using your Apple ID. Transfers are encrypted for security.



Share an item using AirDrop. Tap , then tap the name of a nearby AirDrop user.

Receive AirDrop items from others. Swipe up from the bottom edge of the screen to open Control Center. Tap AirDrop, then choose to receive items from Contacts Only or from Everyone. You can accept or decline each request as it arrives.

Family Sharing

With Family Sharing, up to six family members can share their iTunes Store, App Store, and iBooks Store purchases, a family calendar, and family photos, all without sharing accounts.

One adult in your household—the family organizer—invites family members to join the family group and agrees to pay for any iTunes Store, App Store, and iBooks Store purchases those family members initiate while part of the family group. Once set up, family members get immediate access to each other’s music, movies, TV shows, books, and eligible apps. (For more information about a family subscription to Apple Music, see [Access music](#).) In addition, family members can easily share photos in a shared family album, add events to a family calendar, share their location with other family members, and even help locate another family member’s missing device.

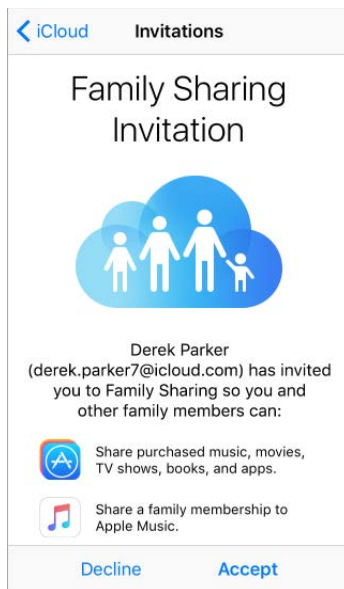
Children under 13 can participate in Family Sharing, too. As a parent or legal guardian, the family organizer can provide parental consent for a child to have his or her own Apple ID, and create it on the child’s behalf. Once the account is created, it’s added to the family group automatically.

Family Sharing requires you to sign in to iCloud with your Apple ID. You will also be asked to confirm the Apple ID you use for the iTunes Store, App Store, and iBooks Store. Family Sharing is available on devices with iOS 8 or later, Mac computers with OS X Yosemite or later, and PCs with iCloud for Windows 5. You can be part of only one family group at a time.

Set up Family Sharing. Go to Settings > iCloud > Set Up Family Sharing. Follow the onscreen instructions to set up Family Sharing as the family organizer, then invite family members to join.

Create an Apple ID for a child. Go to Settings > iCloud > Family, scroll to the bottom of the screen, then tap Create an Apple ID for a child.

Accept an invitation to Family Sharing. Make sure you are signed in to iCloud, and that you can accept a Family Sharing invitation from your iOS device (iOS 8 or later), Mac (OS X Yosemite or later), or PC (iCloud for Windows 5 required). Or, if the organizer is nearby during the setup process, he or she can simply ask you to enter the Apple ID and password you use for iCloud.




Access shared purchases. Open iTunes Store, App Store, or iBooks Store, tap Purchased, then choose a family member from the menu that appears.

When a family member initiates a purchase, it is billed directly to the family organizer's account. Once purchased, the item is added to the initiating family member's account and is shared with the rest of the family. If Family Sharing is ever disabled, purchased items remain with the person who chose to purchase them, even if they were paid for by the family organizer.

Turn on Ask to Buy. The family organizer can require young family members to request approval for purchases or free downloads. Go to Settings > iCloud > Family, then tap the person's name.

Note: Age restrictions for Ask to Buy vary by area. In the United States, the family organizer can enable Ask to Buy for any family member under age 18; for children under age 13, it's enabled by default.

Hide your iTunes Store, App Store, and iBooks Store purchases. To hide all your purchases from family members, tap Settings > iCloud > Family > [your name], then turn off Share My Purchases. On your computer, you can also hide specific purchases so they aren't available to other family members. See support.apple.com/HT201322.

Share photos or videos with family members. When you set up Family Sharing, a shared album called *Family* is automatically created in the Photos app on all family members' devices. To share a photo or video with family members, open the Photos app, then view a photo or video or select multiple photos or videos. Tap , tap iCloud Photo Sharing, add comments, then share to your shared family album. See [iCloud Photo Sharing](#).

Add an event to the family calendar. When you set up Family Sharing, a shared calendar called *Family* is automatically created in the Calendar app on all family members' devices. To add a family event, open the Calendar app, create an event, then choose to add the event to the family calendar. See [Share iCloud calendars](#).

Set up a family reminder. When you set up Family Sharing, a shared list is automatically created in the Reminders app on all family members' devices. To add a reminder to the family list, open the Reminders app, tap the family list, then add a reminder to the list. See [Reminders at a glance](#).

Share your location with family members. Family members can share their location by tapping Settings > iCloud > Share My Location (under Advanced). To find a family member's location, use the Find My Friends app. Or, use the Messages app (iOS 8 or later). For more information about using Messages to share or view locations, see [Share photos, videos, your location, and more](#).

Keep track of your family's devices. If family members have enabled Share My Location in iCloud, you can help them locate missing devices. Open Find My iPhone on your device or at iCloud.com. For more information, see [Find My iPhone](#).

Leave Family Sharing. Go to Settings > iCloud > Family, then tap Leave Family Sharing. If you are the organizer, go to Settings > iCloud > Family, tap your name, then tap Stop Family Sharing. For more information, see support.apple.com/HT201081.

Draft

iCloud Drive

About iCloud Drive

iCloud Drive stores your documents—including your presentations, spreadsheets, PDFs, and images—in iCloud, so you can access them from any of your devices set up with iCloud. It allows your apps to share documents so you can work on the same file across multiple apps.

You can use iCloud Drive on devices with iOS 8 or later, Mac computers with OS X Yosemite or later, PCs with iCloud for Windows 5, or on [iCloud.com](https://www.icloud.com). To access iCloud Drive, you must be signed in to iCloud with your Apple ID. iCloud Drive works with Pages, Numbers, Keynote, GarageBand, and some iCloud-enabled third-party apps. Storage limits are subject to your iCloud storage plan.

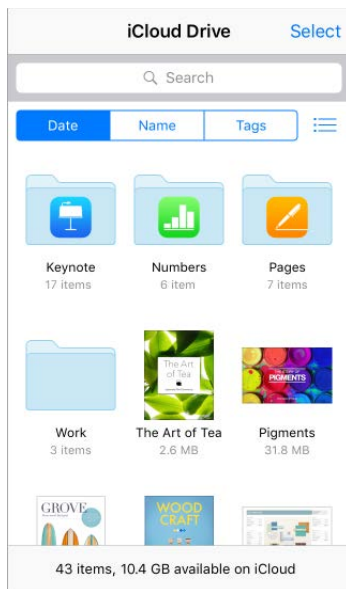
Note: iCloud Drive is automatically turned on for new accounts and users (iOS 8 or later).

Set up iCloud Drive

If you didn't set up iCloud Drive when you installed iOS 9, you can set it up in Settings > iCloud. iCloud Drive is an upgrade to Documents & Data. When you upgrade to iCloud Drive, your documents are copied to iCloud Drive and become available on your devices using iCloud Drive. You won't be able to access the documents stored in iCloud Drive on your other devices until they are also upgraded to iOS 8 or later, or OS X Yosemite or later. For more information about upgrading to iCloud Drive, see support.apple.com/HT201104.

Set up iCloud Drive. Go to Settings > iCloud > iCloud Drive, then turn on iCloud Drive and follow the onscreen instructions.

Show the iCloud Drive app on your Home screen. Go to Settings > iCloud > iCloud Drive, then turn on Show on Home Screen.



Transfer files

There are several ways to transfer files between iPhone and your computer or other iOS devices.

Transfer files using iTunes. Connect iPhone to your computer using the included cable. In iTunes on your computer, select iPhone, then click Apps. Use the File Sharing section to transfer documents between iPhone and your computer. Apps that support file sharing appear in the File Sharing Apps list in iTunes. To delete a file, select it in the Documents list, then press the Delete key.

You can also view files received as email attachments.

With some apps, you can transfer files using AirDrop. See [AirDrop](#).

Continuity

About Continuity features

Continuity features connect iPhone with your iPad, iPod touch, and Mac so they can work together as one. You can start an email or document on iPhone, for example, then pick up where you left off on your iPad. Or let your iPad or Mac use iPhone to make phone calls or send SMS or MMS text messages.

Continuity features require iOS 8 or later, or OS X Yosemite or later, and work with the following:

- iPhone 5 and later
- iPod touch (5th generation) and later
- iPad (4th generation) and later
- iPad Pro
- iPad mini and later
- Supported Mac computers

For more information, see support.apple.com/HT204681.

Handoff

Pick up on one device where you left off on another. You can use Handoff with Mail, Safari, Pages, Numbers, Keynote, Maps, Messages, Reminders, Calendar, Contacts, and even some third-party apps. For Handoff to work, your devices must be signed in to iCloud using the same Apple ID, and they must be within Bluetooth range of one another (about 33 feet or 10 meters).

Switch devices. Swipe up from the bottom-left edge of the Lock screen (where you see the app's activity icon), or go to the multitasking screen, then tap the app. On your Mac, open the app you were using on your iOS device.

Disable Handoff on your devices. Go to Settings > General > Handoff & Suggested Apps.

Disable Handoff on your Mac. Go to System Preferences > General, then turn off "Allow Handoff between this Mac and your iCloud devices."

Phone calls

Make and receive phone calls on your iPad, iPod touch, or Mac, as long as your iPhone and other devices are signed in to iCloud and FaceTime with the same Apple ID and are connected to the same Wi-Fi network. See [Make and receive calls on your iPad, iPod touch, or Mac](#).

Receive a call on your iPad, iPod touch, or Mac. Swipe or click the notification to answer, ignore, or respond with a quick message.

Make a phone call on your iPad, iPod touch, or Mac. Tap or click a phone number in Contacts, Calendar, FaceTime, Messages, Spotlight, or Safari.

Messages

Switch between your iOS devices (iOS 8 or later) and Mac computers (OS X Yosemite or later) as you send and receive SMS and MMS text messages. Just sign in to iMessage with the same Apple ID as your iPhone. For more information, see [SMS, MMS, and iMessage](#).

Instant Hotspot

You can use Instant Hotspot to provide Internet access to your other iOS devices (iOS 8 or later) and Mac computers (OS X Yosemite or later) that are signed in to iCloud using the same Apple ID. Instant Hotspot uses your iPhone Personal Hotspot, without you having to enter a password or even turn on Personal Hotspot.

Use Instant Hotspot. Go to Settings > Wi-Fi on your other iOS device, then simply choose your iPhone network under Personal Hotspots. On your Mac, choose your iPhone network from your Wi-Fi settings.

When you're not using using the hotspot, your devices disconnect to save battery life. For more information see [Personal Hotspot](#).

Note: This feature may not be available with all carriers. Additional fees may apply. Contact your carrier for more information.

Personal Hotspot


Use Personal Hotspot to share your iPhone Internet connection. Computers can share your Internet connection using Wi-Fi, Bluetooth, or a USB cable. Other iOS devices can share the connection using Wi-Fi. Personal Hotspot works only if iPhone is connected to the Internet over the cellular data network.

Note: This feature may not be available with all carriers. Additional fees may apply. Contact your carrier for more information.

Share an Internet connection. Go to Settings > Cellular, then tap Personal Hotspot—if it appears—to set up the service with your carrier.

After you turn on Personal Hotspot, other devices can connect in the following ways:

- *Wi-Fi:* On the device, choose your iPhone from the list of available Wi-Fi networks.
- *USB:* Connect iPhone to your computer using the cable that came with it. In your computer's Network preferences, choose iPhone and configure the network settings.
- *Bluetooth:* On iPhone, go to Settings > Bluetooth, then turn on Bluetooth. To pair and connect iPhone with your Bluetooth device, refer to the documentation that came with your device.

Note: When a device is connected, a blue band appears at the top of the iPhone screen. The Personal Hotspot icon  appears in the status bar of iOS devices using Personal Hotspot.

Change the Wi-Fi password for iPhone. Go to Settings > Personal Hotspot > Wi-Fi Password, then enter a password of at least 8 characters.

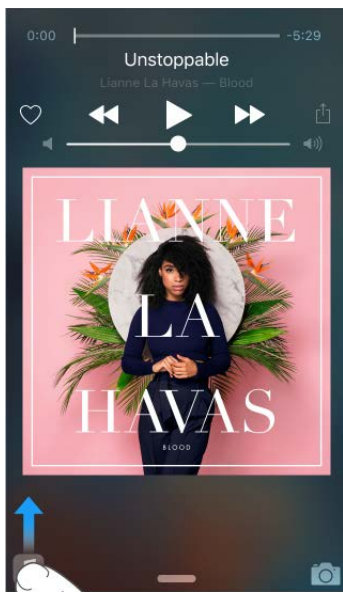
Change the name of your Personal Hotspot. You can change the name of your Personal Hotspot by changing the name of your iPhone. Go to Settings > General > About > Name.

Monitor your cellular data network usage. Go to Settings > Cellular. See [Cellular settings](#).

Proactive assistant

Based on how you use your iPhone, proactive assistant gives you suggestions for what you might want to do next. Proactive assistant might help when you:

- *Listen to music:* Plug in your headphones, and proactive assistant recognizes that you might want to play an album you started earlier. Your music is ready to play from the Lock screen—or swipe the Music icon up from the lower left, and proactive assistant opens the Music app after you unlock iPhone.





- *Create email and events:* When you start adding people to an email or calendar event, proactive assistant suggests the people you included in previous emails or events.
- *Receive calls:* If you get an incoming call from an unknown number, proactive assistant lets you know who might be calling—based on phone numbers included in your emails.
- *Leave for an event:* If your calendar event includes a location, proactive assistant assesses traffic conditions and notifies you when to leave.

Turn off contact suggestions. Go to Settings > Mail, Contacts, Calendars, then turn off Contacts Found in Mail.

Turn off event suggestions. Go to Settings > Mail, Contacts, Calendars, then turn off Events Found in Mail.


AirPlay

Use AirPlay to stream music, photos, and video wirelessly to Apple TV and other AirPlay-enabled devices. If you don't see your AirPlay-enabled devices when you tap , make sure everything is on the same Wi-Fi network.

Display the AirPlay controls. Swipe up from the bottom edge of the screen to open Control Center, then tap .

Stream content. Tap , then choose the device you want to stream to.

Switch back to iPhone. Tap , then choose iPhone.

Mirror the iPhone screen on a TV. Tap , choose an Apple TV, then tap Mirroring. A blue bar appears at the top of the iPhone screen when AirPlay mirroring is turned on.

You can also connect iPhone to a TV, projector, or other external display using the appropriate Apple cable or adapter. See support.apple.com/HT202044.

AirPrint

Use AirPrint to print wirelessly to an AirPrint-enabled printer from apps such as Mail, Photos, and Safari. Many apps available on the App Store also support AirPrint.

iPhone and the printer must be on the same Wi-Fi network. For more information about AirPrint, see support.apple.com/HT201311.

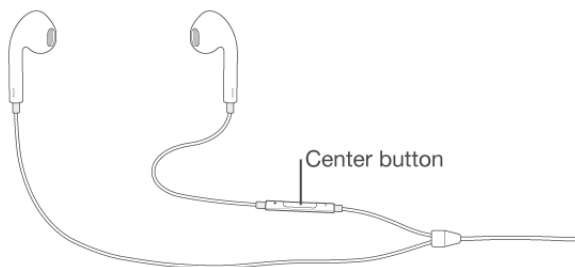
Print a document. Tap  or  (depending on the app you're using).

See the status of a print job. Double-click the Home button, then tap Print Center. The badge on the icon shows how many documents are in the queue.

Cancel a job. Select it in Print Center, then tap Cancel Printing.

Use an Apple headset

The Apple EarPods with Remote and Mic (iPhone 5 and later) and the Apple Earphones with Remote and Mic (iPhone 4s) feature a microphone, volume buttons, and the center button, which lets you answer and end calls or control audio and video playback, even when iPhone is locked.



Use the center button to control music playback.

- *Pause a song or video:* Press the center button. Press again to resume playback.
- *Skip to the next song:* Press the center button twice quickly.
- *Return to the previous song:* Press the center button three times quickly.

- *Fast-forward:* Press the center button twice quickly and hold.
- *Rewind:* Press the center button three times quickly and hold.

Use the center button to answer or make phone calls.

- *Answer an incoming call:* Press the center button.
- *End the current call:* Press the center button.
- *Decline an incoming call:* Press and hold the center button for about two seconds, then let go. Two low beeps confirm you declined the call.
- *Switch to an incoming or on-hold call, and put the current call on hold:* Press the center button. Press again to switch back to the first call.
- *Switch to an incoming or on-hold call, and end the current call:* Press and hold the center button for about two seconds, then let go. Two low beeps confirm you ended the first call.

Use Siri or Voice Control. Press and hold the center button. See [Make requests](#) or [Voice Control](#).

Bluetooth devices

You can use Bluetooth devices with iPhone, including headsets, car kits, stereo headphones, or an Apple Wireless Keyboard. For supported Bluetooth profiles, see support.apple.com/kb/HT3647.


WARNING: For important information about avoiding hearing loss and avoiding distractions that could lead to dangerous situations, see [Important safety information](#).

Note: The use of certain accessories with iPhone may affect wireless performance. Not all iPod and iPad accessories are fully compatible with iPhone. Turning on Airplane Mode may eliminate audio interference between iPhone and an accessory. Reorienting or relocating iPhone and the connected accessory may improve wireless performance.

Turn Bluetooth on or off. Go to Settings > Bluetooth. You can also turn Bluetooth  on or off in Control Center.


Connect to a Bluetooth device. Tap the device in the Devices list, then follow the onscreen instructions to connect to it. See the documentation that came with the device for information about Bluetooth pairing. For information about using an Apple Wireless Keyboard, see [Use an Apple Wireless Keyboard](#).

iPhone must be within about 33 feet (10 meters) of the Bluetooth device.

Return audio output to iPhone. Turn off or unpair the device, turn off Bluetooth in Settings > Bluetooth, or use AirPlay  to switch audio output to iPhone. See [AirPlay](#). Audio output returns to iPhone whenever the Bluetooth device is out of range.

Bypass your Bluetooth device. To use the iPhone receiver or speaker for phone calls:

- Answer a call by tapping the iPhone screen.
- During a call, tap Audio and choose iPhone or Speaker Phone.
- Turn off the Bluetooth device, unpair it, or move out of range.
- Turn off Bluetooth in Settings > Bluetooth.

Unpair a device. Go to Settings > Bluetooth, tap  next to the device, then tap Forget this Device. If you don't see the Devices list, make sure Bluetooth is on.

Restrictions


You can set restrictions for some apps, and for purchased content. For example, parents can restrict explicit music from appearing in playlists, or disallow changes to certain settings. Use restrictions to prevent the use of certain apps, the installation of new apps, or changes to accounts or the volume limit.

Turn on restrictions. Go to Settings > General > Restrictions, then tap Enable Restrictions. You'll be asked to define a restrictions passcode that's necessary to change the settings you make. This can be different from the passcode for unlocking iPhone.


Important: If you forget your restrictions passcode, you must restore the iPhone software. See [Restore iPhone](#).

Privacy

Privacy settings let you see and control which apps and system services have access to Location Services, and to contacts, calendars, reminders, and photos.

Location Services lets location-based apps such as Reminders, Maps, Camera, and Wallet gather and use data indicating your location. Your approximate location is determined using available information from cellular network data, local Wi-Fi networks (if you have Wi-Fi turned on), and GPS (may not be available in all areas). The location data collected by Apple isn't collected in a form that personally identifies you. When an app is using Location Services,  appears in the status bar.

Turn Location Services on or off. Go to Settings > Privacy > Location Services. You can turn it off for some or for all apps and services. If you turn off Location Services, you're asked to turn it on again the next time an app or service tries to use it.

Turn Location Services off for system services. Several system services, such as compass calibration and location-based ads, use Location Services. To see their status, turn them on or off, or show  in the status bar when these services use your location, go to Settings > Privacy > Location Services > System Services.

Turn off access to private information. Go to Settings > Privacy. You can see which apps and features have requested and been granted access to the following information:

- Contacts
- Calendars
- Reminders
- Photos
- Bluetooth Sharing
- Microphone
- Camera
- Health
- HomeKit
- Motion & Fitness
- Twitter
- Facebook

You can turn off each app's access to each category of information. Review the terms and privacy policy for each third-party app to understand how it uses the data it's requesting. For more information, see support.apple.com/HT203033.

Security

Use a passcode with data protection

For better security, you can set a passcode that must be entered each time you turn on or wake up iPhone.

Set a passcode. Go to Settings > Touch ID & Passcode (iPhone 5s and later) or Settings > Passcode (other models), then set a 6-digit passcode.

Setting a passcode turns on data protection, using your passcode as a key to encrypt Mail messages and attachments stored on iPhone, using 256-bit AES encryption. (Other apps may also use data protection.)

Add fingerprints and set options for the Touch ID sensor. (iPhone models with Touch ID) Go to Settings > Touch ID & Passcode. See [Touch ID](#).

Allow access to features when iPhone is locked. Go to Settings > Touch ID & Passcode (iPhone models with Touch ID) or Settings > Passcode (other models). Optional features include:

- Today (see [Notification Center](#))
- Notifications View (see [Notification Center](#))
- Siri (if enabled; see [Siri settings](#))
- Wallet (see [Wallet at a glance](#))

Allow access to Control Center when iPhone is locked. Go to Settings > Control Center. See [Control Center](#).

Erase data after ten failed passcode attempts. Go to Settings > Touch ID & Passcode (iPhone models with Touch ID) or Settings > Passcode (other models), then tap Erase Data. After ten failed passcode attempts, all settings are reset, and all your information and media are erased by removing the encryption key to the data.

If you forget your passcode, you must restore the iPhone software. See [Restore iPhone](#).

Use two-factor authentication for security

Two-factor authentication is an extra layer of security for your Apple ID designed to ensure that all the photos, documents, and other important data you store with Apple can be accessed only by you, and only with your devices. It's built into iOS 9 and OS X El Capitan.

Not yet available to all users, two-factor authentication will be rolled out gradually. If two-factor authentication is available for your Apple ID, you can turn it on when you set up iPhone with iOS 9, or you can go to Settings > iCloud, tap your account at the top of the screen, then tap Password & Security. For more information see support.apple.com/HT205075.

Once enrolled, when you enter your Apple ID and password for the first time on a new device, you're asked to verify your identity with a six-digit verification code. This code is displayed automatically on your other devices or sent to a phone number you trust. Just enter the code to sign in and access your information on your new device.

You won't be asked for a verification code again on that device unless you sign out completely, erase your device, or need to change your password for security reasons.

For more information on two-factor authentication, see support.apple.com/HT204915.

Touch ID

On iPhone 5s and later, you can unlock iPhone by placing a finger on the Home button. Touch ID also lets you:

- Use your Apple ID password to make purchases in the iTunes Store, App Store, or iBooks Store.
- Authorize credit or debit card payments using Apple Pay.
- Provide debit and credit card info, billing and shipping addresses, and contact info when paying in an app that offers Apple Pay as a method of payment.

Set up the Touch ID sensor. Go to Settings > Touch ID & Passcode. Set whether you want to use a fingerprint to unlock iPhone, and to make purchases. Tap Add a Fingerprint, then follow the onscreen instructions. You can add more than one fingerprint (your thumb and forefinger, for example, or one for your spouse).

Note: If you turn iPhone off after setting up the Touch ID sensor, you'll be asked to confirm your passcode when you turn iPhone back on and unlock it the first time. You'll also be asked for your Apple ID password for the first purchase you make in the iTunes Store, App Store, or iBooks Store.

Delete a fingerprint. Tap the fingerprint, then tap Delete Fingerprint. If you have more than one fingerprint, place a finger on the Home button to find out which fingerprint it is.

Name a fingerprint. Tap the fingerprint, then enter a name, such as "Thumb."

Use the Touch ID sensor to make a payment in the iTunes Store, App Store, or iBooks Store. When purchasing from the iTunes Store, App Store, or iBooks Store, follow the instructions to enable purchases with your fingerprint. Or go to Settings > Touch ID &

Passcode, then turn on iTunes & App Store.

Use Touch ID for Apple Pay. (iPhone 6, iPhone 6 Plus, and later) Go to Settings > Touch ID & Passcode to ensure that Apple Pay is enabled with your Touch ID. For more information, see [Apple Pay](#).

iCloud Keychain

iCloud Keychain keeps your Safari website user names and passwords, credit card information, and Wi-Fi network information up to date. iCloud Keychain works on all your approved devices (iOS 7 or later) and Mac computers (OS X Mavericks or later).

iCloud Keychain works with Safari Password Generator and AutoFill. When you're setting up a new account, Safari Password Generator suggests unique, hard-to-guess passwords. You can use AutoFill to have iPhone enter your user name and password info, making login easy. See [Fill in forms](#).

Note: Some websites do not support AutoFill.

iCloud Keychain is secured with 256-bit AES encryption during storage and transmission, and cannot be read by Apple.

Set up iCloud Keychain. Go to Settings > iCloud > Keychain. Turn on iCloud Keychain, then follow the onscreen instructions. If you set up iCloud Keychain on other devices, you need to approve the use of iCloud Keychain from one of those devices, or use your iCloud Security Code.

Important: If you forget your iCloud Security Code, you have to start over and set up your iCloud Keychain again.

Set up AutoFill. Go to Settings > Safari > Passwords & AutoFill. Make sure Names and Passwords, and Credit Cards, are turned on (they're on by default). To add credit card info, tap Saved Credit Cards.

The security code for your credit card is not saved—you have to enter that manually.

To automatically fill in names, passwords, or credit card info on sites that support it, tap a text field, then tap AutoFill.

To protect your personal information, set a passcode if you turn on iCloud Keychain and AutoFill.

Limit Ad Tracking

Restrict or reset Ad Tracking. Go to Settings > Privacy > Advertising. Turn on Limit Ad Tracking to prevent apps from accessing your iPhone advertising identifier. For more information, tap About Advertising & Privacy.

Find My iPhone

If you misplace your iPhone, Find My iPhone can help you locate it and protect your data. Use the Find My iPhone app on another iPhone, iPad, iPod touch, or Mac or the web app at www.icloud.com/find to locate your iPhone on a map, lock it remotely, play a sound, display a message, or erase all its data.

Note: For more information about Find My iPhone, please refer to the Help in the app.

Turn on Find My iPhone. Go to Settings > iCloud > Find My iPhone.

Important: To use these features, Find My iPhone must be turned on *before* your iPhone is lost. iPhone must be able to connect to the Internet for you to locate and secure the device. iPhone sends its last location prior to the battery running out when Send Last Location in Settings is turned on.

Use Find My iPhone. Open the Find My iPhone app on an iOS device, or go to www.icloud.com/find on your computer. Sign in, then select your device.

- *Play Sound:* Play a sound at full volume for two minutes, even if the ringer is set to silent.
- *Lost Mode:* Immediately lock your missing iPhone with a passcode and display a custom message on the screen with a contact number. Find My iPhone tracks and reports the location of your iPhone, so you can see where it's been. When your iPhone is in Lost Mode, Find My iPhone attempts to suspend or remove the ability to pay with credit and debit cards used for Apple Pay (iPhone 6, iPhone 6 Plus, and later). See [Apple Pay](#).
- *Erase iPhone:* Protect your privacy by erasing all the information and media on your iPhone and restoring it to its original factory settings. Erasing iPhone also removes the ability to make payments using your credit and debit cards used for Apple Pay (iPhone 6, iPhone 6 Plus, and later). See [Apple Pay](#).

Note: Before selling or giving away your iPhone, you should erase it completely to remove all your personal data and turn off Find My iPhone, to ensure the next owner can activate and use the device normally. Go to Settings > General > Reset > Erase All Content and Settings. See [Sell or give away iPhone](#).

Find My Friends

The Find My Friends app is a great way to share your location with people who are important to you. Friends and family members who share their locations with you appear on a map, so you can quickly see where they are. You can set notifications for friends and family members to alert you when they leave from or arrive at various locations.

Note: For more information about Find My Friends, please refer to the Help in the app.

Turn on Share My Location. Go to Settings > iCloud > Share My Location.

Share your location with a friend. Open Find My Friends on iPhone, then tap Add. Select a contact's name, or type a name in the To field, then tap Done. Choose how long you want to share your location.

Share your location using AirDrop. Tap Add, then select a friend who appears in AirDrop. Choose how long you want to share your location.

Set a notification. Select a friend, then tap Notify Me. Choose whether you want to be notified when a friend leaves from or arrives at a location. Choose the friend's current location, or tap Other to create a new location for the notification.

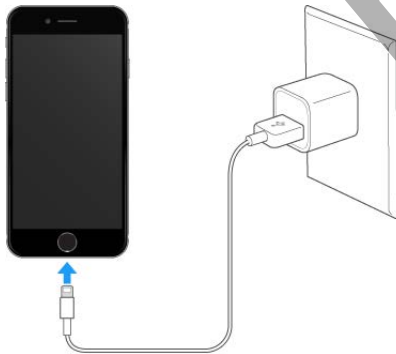
Share a location from the Home screen. On iPhone 6s and iPhone 6s Plus, press the Find My Friends icon, then choose Share My Location.

Charge and monitor the battery

iPhone has an internal, lithium-ion rechargeable battery. For more information about the battery—including tips for maximizing battery life—see www.apple.com/batteries.

WARNING: For important safety information about the battery and charging iPhone, see [Important safety information](#).

Charge the battery. Connect iPhone to a power outlet using the included cable and USB power adapter.



Note: Connecting iPhone to a power outlet can start an iCloud backup or wireless iTunes syncing. See [Back up iPhone](#) and [Sync with iTunes](#).

You can also charge the battery by connecting iPhone to your computer, which also allows you to sync iPhone with iTunes. See [Sync with iTunes](#). Unless your keyboard has a high-power USB 2.0 or 3.0 port, you must connect iPhone to a USB 2.0 or 3.0 port on your computer.

Important: The battery may drain instead of charge if iPhone is connected to a computer that's turned off or is in sleep or standby mode.

See proportion of battery used by each app. Go to Settings > Battery > Usage, then tap Battery Usage.

The battery icon in the upper-right corner shows the battery level or charging status. To display the percentage of battery charge remaining, go to Settings > Battery > Usage. When syncing or using iPhone, it may take longer to charge the battery.



Important: If iPhone is very low on power, it may display an image of a nearly depleted battery, indicating that it needs to charge for up to ten minutes before you can use it. If iPhone is extremely low on power, the display may be blank for up to two minutes before the low-battery image appears.

Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. The iPhone battery isn't user replaceable; it should be replaced by Apple or an authorized service provider. See www.apple.com/batteries/service-and-recycling.

Low Power Mode

Switch to Low Power Mode when your iPhone battery is low or when you may not have access to electrical power. Low Power Mode limits background activity and tunes performance for essential tasks. Using Low Power Mode can significantly increase the life of the battery charge.



Turn on Low Power Mode. Go to Settings > Battery, then turn on Low Power Mode.

Note: Your iPhone might perform some tasks more slowly when in Low Power Mode.

Travel with iPhone

If you travel outside your carrier's network area, you can avoid roaming charges by turning off voice and data roaming services in Settings > Cellular. See [Cellular settings](#).

Some airlines let you keep your iPhone turned on if you switch to Airplane Mode. You can't make calls or use Bluetooth, but you can listen to music, play games, watch videos, or use other apps that don't require network or phone connections. If the airline allows it, you can turn Wi-Fi or Bluetooth back on to enable those services, even while in Airplane Mode.

Turn on Airplane Mode. Swipe up from the bottom edge of the screen to open Control Center, then tap . You can also turn Airplane Mode on or off in Settings. When Airplane Mode is on,  appears in the status bar at the top of the screen.

You can also turn Wi-Fi and Bluetooth on or off in Control Center.

Siri

Make requests

Siri lets you speak to iPhone to send messages, schedule meetings, place phone calls, and much more. Siri understands natural speech, so you don't have to learn special commands or keywords. Ask Siri anything, from "set the timer for 3 minutes" to "what movies are showing tonight?" Open apps, and turn features like Airplane Mode, Bluetooth, Do Not Disturb, and VoiceOver on or off. Siri is great for keeping you updated with the latest sports info, helping you decide on a restaurant, and searching the iTunes Store or App Store.

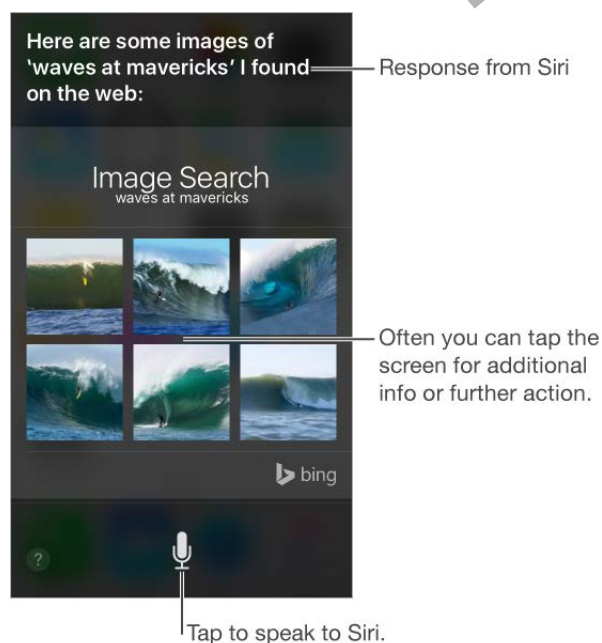
Note: To use Siri, iPhone must be connected to the Internet. See [Connect to the Internet](#). Cellular charges may apply.

Summon Siri. Press and hold the Home button, then make your request.

Control when Siri listens. Instead of letting Siri notice when you stop talking, you can continue to hold down the Home button while you speak, and release it when you finish.

Hey Siri. With iPhone connected to a power source, you can use Siri without pressing the Home button (iPhone 6s and iPhone 6s Plus do not require a power source). Just say "Hey Siri," then make your request. To turn Hey Siri on or off, go to Settings > General > Siri > Allow "Hey Siri".

If you're using a headset, you can use the center or call button in place of the Home button.



For hints, ask Siri “what can you do,” or tap .

Depending on your request, the onscreen response from Siri often includes information or images that you can tap for additional detail, or to perform some other action like searching the web or opening a related app.

Change the voice gender for Siri. Go to Settings > General > Siri > Siri Voice (may not be available in all areas).

Adjust the volume for Siri. Use the volume buttons while you’re interacting with Siri.

Note: For voice feedback options, go to Settings > General > Siri > Voice Feedback.

Siri and apps

Siri works with many of the apps on iPhone, including Phone, Messages, Maps, Clock, Calendar, and more. For example, you can say things like:

- “Call Mom at home”
- “Do I have any new texts from Rick?”
- “I’m running low on gas”
- “Set an alarm for 8 a.m.”
- “Cancel all my meetings on Friday”

More examples of how you can use Siri with apps appear throughout this guide.

Tell Siri about yourself

If you tell Siri about yourself—including things like your home and work addresses, and your relationships—you can get personalized service like, “remind me to call my wife when I get home.”

Tell Siri who you are. Fill out your info card in Contacts, then go to Settings > General > Siri > My Info and tap your name.

To let Siri know about a relationship, say something like “Emily Parker is my wife.”

Note: Siri uses Location Services when your requests require knowing your location. See [Privacy](#).

Make corrections

If Siri doesn’t get something right, you can tap to edit your request.

"Show me great animated films"
tap to edit

Or tap  again, then clarify your request verbally.

Want to cancel that last command? Say "cancel," tap the Siri icon, or press the Home button.

Siri Eyes Free

With Siri Eyes Free, you can use iPhone features in your car without looking at or touching iPhone—you can control it completely by speaking. To talk with Siri, press and hold the voice command button on your steering wheel until you hear the Siri tone. You can ask Siri to call people, select and play music, hear and compose text messages, get directions, read your notifications, find calendar information, add reminders, and more. Siri Eyes Free is available on select automobiles.

WARNING: For important information about avoiding distractions that could lead to dangerous situations, see [Important safety information](#).

Use Siri Eyes Free. Connect iPhone to your car using Bluetooth. Refer to the user guide that came with your car.

For more information about using Siri in your car, see [About CarPlay](#).

Siri settings

To set options for Siri, go to Settings > General > Siri. Options include:

- Turning Siri on or off
- Turning Allow "Hey Siri" on or off
- Language
- Voice gender (may not be available in all areas)
- Voice feedback
- My Info card

Prevent access to Siri when iPhone is locked. Go to Settings > Touch ID & Passcode (iPhone models with Touch ID) or Settings > Passcode (other models). You can also disable Siri by turning on restrictions. See [Restrictions](#).

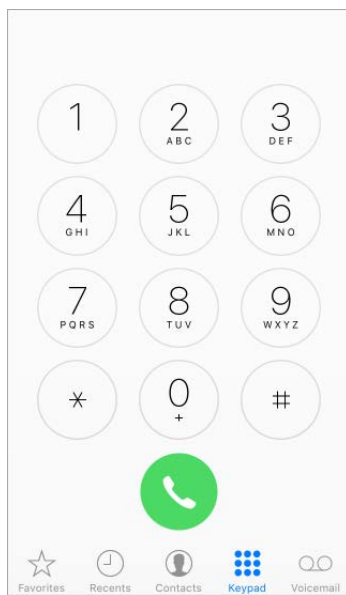
Phone

Phone calls

Make a call

Making a call on iPhone is as simple as choosing a number in your contacts, or tapping one of your favorites or recent calls.

WARNING: For important information about avoiding distractions that could lead to dangerous situations, see [Important safety information](#).



Add favorites. With Favorites, you can make a call with a single tap. To add someone to your Favorites list, tap \oplus . You can also add names to Favorites from Contacts. In Contacts, tap Add to Favorites at the bottom of a card, then tap the number to add.

Delete a name or rearrange your Favorites list. Tap Edit.

Return a recent call. Tap Recents, then tap the call. Tap i to get more info about the call, or the caller. A red badge indicates the number of missed calls.

You can also reach recent and favorite people you've been in contact with from the multitasking screen—just double-click the Home button.

Dial manually. Tap Keypad, enter the number, then tap Call.

- *Paste a number to the keypad:* Tap the screen above the keyboard, then tap Paste.
- *Enter a soft (2-second) pause:* Touch the "*" key until a comma appears.

- *Enter a hard pause (to pause dialing until you tap the Dial button):* Touch the “#” key until a semicolon appears.
- *Redial the last number:* Tap Keypad, tap Call to display the number, then tap Call again.

Use Siri or Voice Control. Press and hold the Home button, say “call” or “dial,” then say the name or number. You can add “at home,” “work,” or “mobile.” See [Make requests](#) and [Voice Control](#). For example:

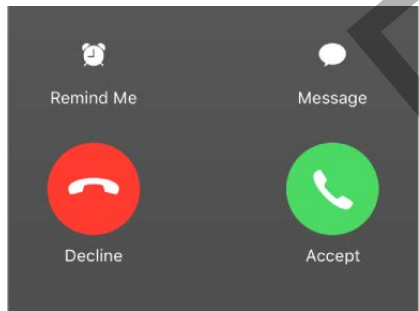
- “Call Emily’s mobile”
- “Call the fire department”
- “Redial that last number”

When voice dialing a number, speak each digit separately—for example, “four one five, five five five....” For the 800 area code in the U.S., you can say “eight hundred.”

Use Wi-Fi Calling on your iPhone. (Available with some carriers.) Go to Settings > Phone > Wi-Fi Calling, then turn Wi-Fi Calling on This iPhone on.

When someone calls

Tap Accept to answer an incoming call. Or if iPhone is locked, drag the slider. You can also press the center button on your headset.



Silence a call. Press the Sleep/Wake button or either volume button. You can still answer the call after silencing it, until it goes to voicemail.

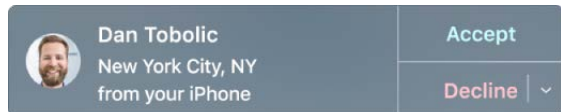
Decline a call and send it directly to voicemail. Do one of the following:

- Press the Sleep/Wake button twice quickly.
- Press and hold the center button on your headset for about two seconds. Two low beeps confirm that the call was declined.
- Tap Decline (if iPhone is awake when the call comes in).

Note: In some areas, declined calls are disconnected without being sent to voicemail.

Respond with a text message instead of answering. Tap Message, then choose a reply or tap Custom. To create your own default replies, go to Settings > Phone > Respond with Text, then tap any of the default messages and replace it with your own text.

Remind yourself to return the call. Tap Remind Me, then indicate when you want to be reminded.



Make and receive calls on your iPad, iPod touch, or Mac

Continuity lets you make calls on your other devices by relaying calls through your iPhone, which must be turned on and connected to a cellular network. To make calls this way, you need iOS 8 or later, and OS X Yosemite or later. All devices must be signed in to FaceTime and iCloud using the same Apple ID as your iPhone, and connected to the same Wi-Fi network.

Wi-Fi Calling lets you make and receive phone calls on your iPad, iPod touch, or Mac, as long as your iPhone and other devices are signed in to iCloud and FaceTime with the same Apple ID. With iOS 8 or OS X Yosemite, your iPhone needs to be on the same Wi-Fi network as your other devices (available with some carriers, and cellular charges may apply). With iOS 9 or OS X El Capitan, your iPhone may not need to be on the same Wi-Fi network or even turned on (available with some carriers, and cellular charges may apply). You must set up your iPhone (iPhone 5c, iPhone 5s and later) first, and your other devices after. If you log out of FaceTime or iCloud on iPhone, Wi-Fi Calling is disabled.

Note: When making calls on iPhone 6, iPhone 6 Plus, and later, if the Wi-Fi connection is lost, calls switch automatically to your carrier's cellular network using VoLTE (Voice over LTE), if available and turned on. See [Cellular settings](#). (VoLTE calls also switch to Wi-Fi when a Wi-Fi connection becomes available.) On earlier iPhone models, and on iPad, iPod touch, or a Mac, a call is dropped if you lose the Wi-Fi connection. Contact your carrier for feature availability.

Turn on Wi-Fi Calling on your iPhone. Go to Settings > Phone > Wi-Fi Calling, then turn Wi-Fi Calling on This iPhone on.

Note: If you see Add Wi-Fi Calling For Other Devices, tap it to allow calls from other devices that aren't on the same Wi-Fi network as your iPhone. Otherwise, you can still use your other devices to make phone calls, but your iPhone must be turned on and on the same network as your other devices.

Turn on Wi-Fi Calling for another iOS device. On the device, go to Settings > FaceTime, then turn on FaceTime. If you're asked, turn Wi-Fi calling on.

Turn on Wi-Fi Calling on your Mac. On your Mac, open FaceTime, then choose FaceTime > Preferences > Settings. Select "Calls from iPhone." If an Upgrade to Wi-Fi Calling button appears, click it, then follow the instructions.

Receive a call on your iPad, iPod touch, or Mac. Swipe or click the notification to answer, ignore, or respond with a quick message.

Make a call from your iPad, iPod touch, or Mac. Tap or click a phone number in Contacts, Calendar, FaceTime, Messages, Spotlight, or Safari.

Note: Emergency calls on your iPhone are routed through cellular service when available. In the event that cellular service is not available, and you have enabled Wi-Fi Calling, emergency calls may be made over Wi-Fi, and your device's location information may be used for emergency calls to aid response efforts, regardless of whether you enable Location Services.

For more information about Wi-Fi calls, see support.apple.com/HT203032.

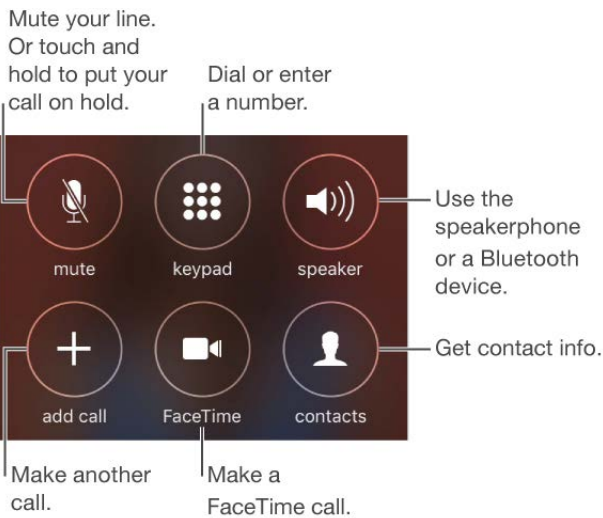
Keep it quiet

Want to go offline for a while? Swipe up from the bottom edge of the screen to open Control Center, then turn on Do Not Disturb or Airplane Mode. See [Do Not Disturb](#) and [Travel with iPhone](#).

Block unwanted callers. On a contact card, tap Block this Caller (you can see a caller's contact card from Favorites or Recents by tapping ⓘ). You can also block callers in Settings > Phone > Blocked. You will not receive voice calls, FaceTime calls, or text messages from blocked callers. For more information about blocking calls, see support.apple.com/HT201229.

While on a call

When you're on a call, the screen shows several call options.



End a call. Tap or press the Sleep/Wake button.

Use another app while on a call. Press the Home button, then open the app. To return to the call, tap the green bar at the top of the screen.

Respond to a second call. You can:

- *Ignore the call and send it to voicemail:* Tap Ignore.
- *Put the first call on hold and answer the new one:* Tap Hold + Accept.
- *End the first call and answer the new one:* When using a GSM network, tap End + Accept. With a CDMA network, tap End and when the second call rings back, tap Accept, or drag the slider if iPhone is locked.

With a call on hold, tap Swap to switch between calls, or tap Merge Calls to talk with both parties at once. See [Conference calls](#).

Note: With CDMA, you can't switch between calls if the second call was outgoing, but you can merge the calls. You can't merge calls if the second call was incoming. If you end the second call or the merged call, both calls are terminated.

Conference calls

With GSM, you can set up a conference call with up to five people (depending on your carrier).

Note: Conference calls may not be available if your call is using VoLTE (Voice over LTE).

Create a conference call. While on a call, tap Add Call, make another call, then tap Merge Calls. Repeat to add more people to the conference.

- *Drop one person:* Tap next to a person, then tap End.

- *Talk privately with one person:* Tap ⓘ, then tap Private next to the person. Tap Merge Calls to resume the conference.
- *Add an incoming caller:* Tap Hold Call + Answer, then tap Merge Calls.

Emergency calls

Make an emergency call when iPhone is locked. On the Enter Passcode screen, tap Emergency Call (to dial 911 in the U.S., for example).

Important: You can use iPhone to make an emergency call in many locations, provided that cellular service is available, but you should not rely on it for emergencies. Some cellular networks may not accept an emergency call from iPhone if iPhone is not activated, if iPhone is not compatible with or configured to operate on a particular cellular network, or (when applicable) if iPhone does not have a SIM card or if the SIM card is PIN-locked.

In the U.S., location information (if available) is provided to emergency service providers when you dial 911. Please review your carrier's emergency calling information to understand the limits of emergency calling over Wi-Fi.

With CDMA, when an emergency call ends, iPhone enters *emergency call mode* for a few minutes to allow a call back from emergency services. During this time, data transmission and text messages are blocked.

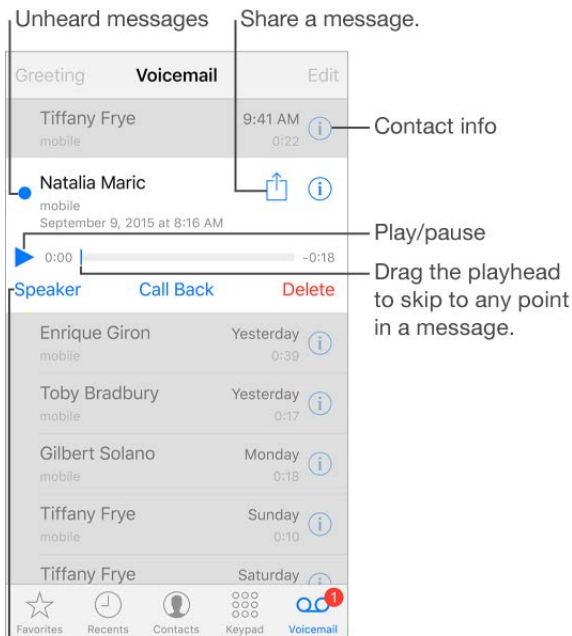
Exit emergency call mode (CDMA). Do one of the following:

- Tap the Back button.
- Press the Sleep/Wake button or the Home button.
- Use the keypad to dial a non-emergency number.

Visual voicemail

Visual voicemail lets you see a list of your messages and choose which one to listen to or delete, without having to wade through all of them. A badge on the Voicemail icon tells you how many unheard messages you have. The first time you tap Voicemail, you're asked to create a voicemail password and record your voicemail greeting.

Listen to a voicemail message. Tap Voicemail, then select a message. To listen again, select the message, then tap ▶. If visual voicemail isn't available with your service, tap Voicemail and follow the voice instructions.



Speakerphone (Audio, when a Bluetooth device is connected.) Tap to choose audio output.)

Messages are saved until you delete them or your carrier erases them.

Ask Siri. Say something like:

- “Do I have any new voicemail?”
- “Play the voicemail from Emily”

Delete a message. Swipe or tap the message, then tap Delete.

Note: In some areas, deleted messages may be permanently erased by your carrier. Your voice messages may also be deleted if you change your SIM card.

Manage deleted messages. Tap Deleted Messages (at the end of the messages list), then:

- *Listen to a deleted message:* Tap the message.
- *Undelete a message:* Tap the message and tap Undelete.
- *Delete messages permanently:* Tap Clear All.

Share a message. Tap a message, then tap .

Update your greeting. Tap Voicemail, tap Greeting, tap Custom, then tap Record. Or, to use your carrier’s generic greeting, tap Default.

Set an alert sound for new voicemail. Go to Settings > Sounds.

Change the password. Go to Settings > Phone > Change Voicemail Password.

Contacts

When viewing a contact's card, a quick tap lets you make a phone call, create an email message, find the contact's location, and more. See [Contacts at a glance](#).

Add a contact from the Home screen. On iPhone 6s and iPhone 6s Plus, press the Phone icon, then choose Create New Contact.

Call forwarding, call waiting, and caller ID

Set up call forwarding, call waiting, or caller ID. (GSM) Go to Settings > Phone.

- *Call Forwarding:* The Call Forwarding icon (↔) appears in the status bar when call forwarding is on. You must be in range of the cellular network when you set iPhone to forward calls, or calls won't be forwarded.
- *Call Waiting:* If you're on a call and call waiting is turned off, incoming calls go directly to voicemail.
- *Caller ID:* For FaceTime calls, your phone number is displayed even if caller ID is turned off.

For CDMA accounts, contact your carrier for information about enabling and using these features. See support.apple.com/HT202176.

Ringtones and vibrations

iPhone comes with ringtones that sound for incoming calls, Clock alarms, and the Clock timer. You can also purchase ringtones from songs in the iTunes Store. See [iTunes Store at a glance](#).

Set the default ringtone. Go to Settings > Sound > Ringtone.

Assign different ringtones for the special people in your life. Go to Contacts, choose a contact, tap edit, then tap Ringtone.

Turn the ringer on or off. Flip the switch on the side of iPhone.

Important: Clock alarms still sound when the Ring/Silent switch is set to silent.

Turn vibrate on or off. Go to Settings > Sounds. See [Sounds and silence](#).

International calls

For information about making international calls from your home area (including rates and other charges that may apply), contact your carrier.

When traveling abroad, you may be able to use iPhone to make calls, send and receive text messages, get visual voicemail, and use apps that access the Internet, depending on available networks.

Enable international roaming. To turn on Data Roaming and Voice Roaming (CDMA), go to Settings > Cellular. Contact your carrier for information about availability and fees.

Important: Voice, text message, and data roaming charges may apply. To avoid charges while roaming, turn off Data Roaming and Voice Roaming (CDMA).

You may be able to roam on GSM networks, if you have a CDMA account, and your iPhone has a SIM card installed. While roaming on a GSM network, iPhone has access to GSM network features. Charges may apply. Contact your carrier for more information.

Set network options. Go to Settings > Cellular to:

- Turn data roaming on or off
- Turn cellular data on or off
- Turn voice roaming on or off (CDMA)
- Use GSM networks abroad (CDMA)

See [Usage information](#).

Turn off cellular services. Go to Settings, turn on Airplane Mode, then tap Wi-Fi and turn it on. Incoming phone calls are sent to voicemail. To resume cellular service, turn Airplane Mode off.

Make calls to your contacts and favorites while traveling abroad. (GSM) Go to Settings > Phone, then turn on Dial Assist. Dial Assist automatically adds the prefix or country code for calls to the U.S.

Select a carrier network. Go to Settings > Carrier. This setting appears on GSM networks when you're outside your carrier's network, and other local carrier data networks are available to use for your phone calls, visual voicemail, and cellular network Internet connections. You can make calls only on carriers that have a roaming agreement with your carrier. Additional fees may apply. Roaming charges may be billed to you by the other carrier, through your carrier.

Get voicemail when visual voicemail isn't available. Dial your own number (with CDMA, add # after your number), or touch and hold "1" on the numeric keypad.

Phone settings

Go to Settings > Phone to:

- See the phone number for your iPhone
- Change the default text message replies for incoming calls
- Turn call forwarding, call waiting, and caller ID on or off (GSM)
- Turn TTY on or off
- Change your voicemail password (GSM)
- Require a PIN to unlock your SIM when you turn iPhone on (required by some carriers)

Go to Settings > Sounds to:

- Set ringtones and volume
- Set vibration options
- Set the sound for new voicemail

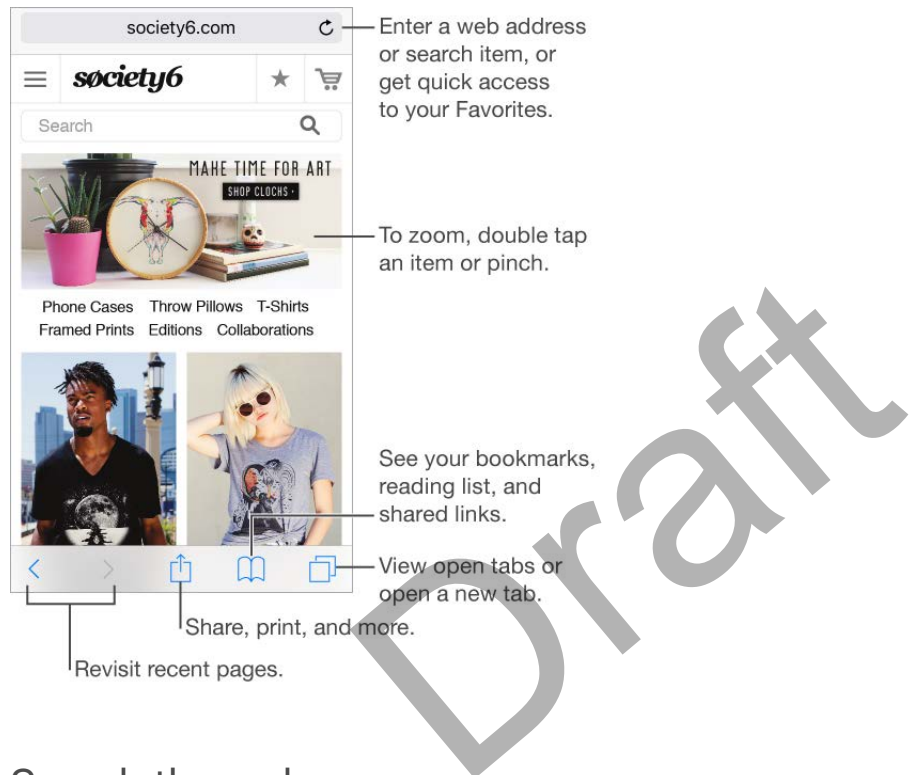
Once you select a network, iPhone uses only that network. If the network is unavailable, "No service" appears on iPhone.

Draft

Safari

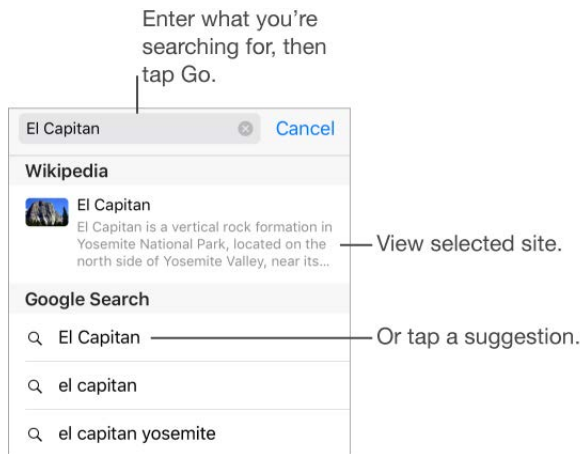
Safari at a glance

Use Safari on iPhone to browse the web, use Reading List to collect webpages to read later, and add page icons to the Home screen for quick access. Use iCloud to see pages you have open on other devices, and to keep your bookmarks, history, and reading list up to date on your other devices.





Search the web

Search the web. Enter a URL or search term in the search field at the top of the page, then tap a search suggestion, or tap Go on the keyboard to search for exactly what you typed. If you don't want to see suggested search terms, go to Settings > Safari, then (under Search) turn off Search Engine Suggestions.



Quickly search a site you've visited before. Enter the name of the site, followed by your search term. For example, enter "wiki einstein" to search Wikipedia for "einstein." Go to Settings > Safari > Quick Website Search to turn this feature on or off.

Have your favorites top the list. Select them in Settings > Safari > Favorites.

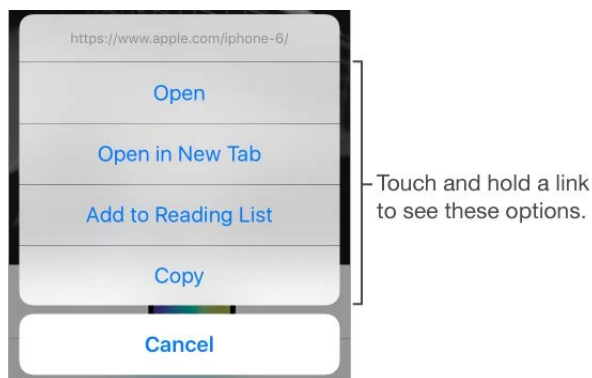
Search the page. To find a specific word or phrase on the current page, tap , then tap Find on Page. Enter the word or phrase in the search field to search. Tap  to find other instances.

Choose your search tool. Go to Settings > Safari > Search Engine.

Browse the web



Open items from the Home screen. On iPhone 6s and iPhone 6s Plus, press the Safari icon, then choose an action.


Look before you leap. To see the URL of a link before you go there, touch and hold the link.

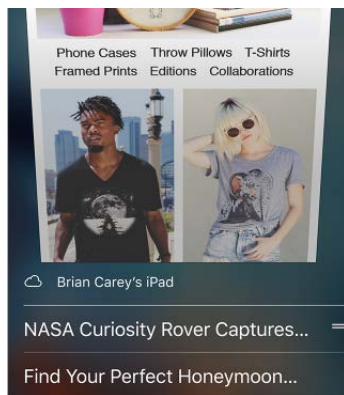


Preview items with a press. On iPhone 6s and iPhone 6s Plus, press a link to get a peek. Press a little deeper to open it.

Open a link in a new tab. Touch and hold the link, then tap Open in New Tab. If you'd rather open new pages in the background, go to Settings > Safari > Open Links.

Browse open tabs. Tap . To close a tab, tap  in the upper-left corner, or swipe the tab to the left.

View tabs open on your other devices. If you turn on Safari in Settings > iCloud, you can view open tabs on your other devices. Tap , then scroll to the list at the bottom of the page. To close the tab on another device, swipe left, then tap Delete.



Scroll to the bottom to see tabs open on other devices.


View recently closed tabs. Touch and hold .

Get back to the top. Tap the top edge of the screen to quickly return to the top of a long page.

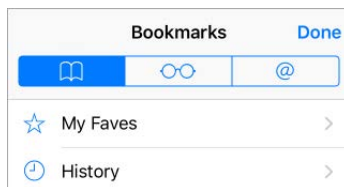
See more. Turn iPhone to landscape orientation.

See the latest. Tap  next to the address in the search field to update the page.

See a tab's history. Touch and hold  or .


View the desktop version of a site. If you want to see the full desktop version of a site instead of the mobile version, tap , then tap Request Desktop Site.

Keep bookmarks




Bookmark the current page. Tap  (or touch and hold ) , then tap Add Bookmark.


View your bookmarks. Tap , then tap .

Get organized. To create a folder for bookmarks, tap , then tap Edit.

Add a webpage to your favorites. Open the page, tap , then tap Add to Favorites.


Add a site to your News favorites. On a website that offers an RSS feed, open the page, tap , then tap Add to News.

Quickly see your favorite and frequently visited sites. Tap the search field to see your favorites. Scroll down to see frequently visited sites. (To avoid seeing a list of such sites, go to Settings > Safari, then turn off Frequently Visited Sites.)

Edit your favorites. Tap , tap Favorites, then tap Edit to delete, rename, or change the order of favorites.

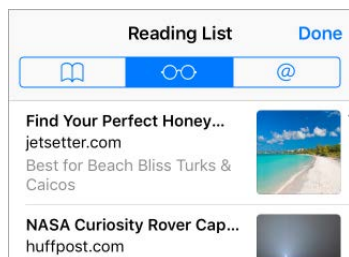
Choose which favorites appear when you tap the search field. Go to Settings > Safari > Favorites.

Bookmarks bar on your Mac? Go to Settings > iCloud, then turn on Safari if you want items from the bookmarks bar in Safari on your Mac to appear in Favorites on iPhone.

Save an icon for the current page on your Home screen. Tap , then tap Add to Home Screen. The icon appears only on the device where you create it.

Save a reading list for later

Save interesting items in your reading list so you can revisit them later. You can read pages in your reading list even when you're not connected to the Internet.



Add the current page to your reading list. Tap , then tap Add to Reading List.

Add a linked page without opening it. Touch and hold the link, then tap Add to Reading List.

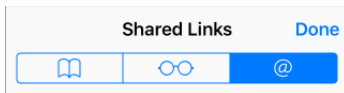
View your reading list. Tap , then tap .

Delete something from your reading list. Swipe left on the item in your reading list.


Don't want to use cellular data to download reading list items? Go to Settings > Safari, then turn off Use Cellular Data.




Shared links and subscriptions

You can view links shared from social media, such as Twitter, or feeds from your subscriptions.

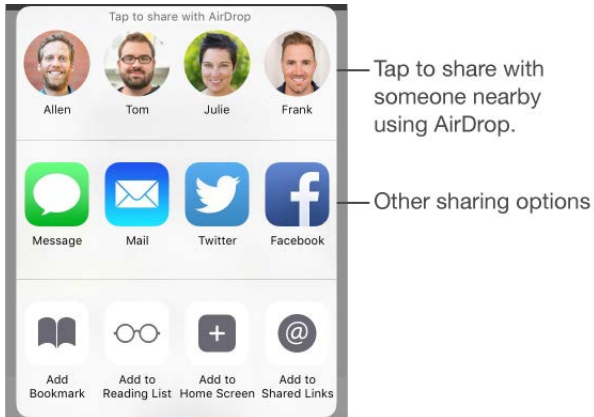


View shared links and subscriptions. Tap , then tap .

Subscribe to a feed. Go to a site that provides a subscription feed, tap , tap Add to Shared Links, then confirm by tapping Add to Shared Links.

Delete a subscription. Tap , tap , tap Subscriptions below the list of your shared links, then tap  next to the subscription you want to delete.



Share links. Tap .



Fill in forms

Whether you're logging in to a website, signing up for a service, or making a purchase, you can fill in a web form using the onscreen keyboard or have Safari fill it in for you using AutoFill.

Tired of always having to log in? When you're asked if you want to save the password for the site, tap Yes. The next time you visit, your user name and password will be filled in for you.

Fill in a form. Tap any field to bring up the onscreen keyboard. Tap  or  above the keyboard to move from field to field.

Fill it in automatically. Go to Settings > Safari > AutoFill, then turn on Use Contact Info. Then, tap AutoFill above the onscreen keyboard when you're filling in the form. Not all websites support AutoFill.

Choose a different identity. If you use multiple identities with a site and an unwanted identity is filled in, tap Passwords, then select the identity you prefer.

Add a credit card for purchases. Go to Settings > Safari > AutoFill > Saved Credit Cards > Add Credit Card. To enter the information without typing it, tap Use Camera, then hold iPhone above the card so that the image of the card fits in the frame. You can

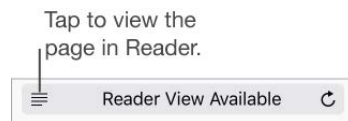
also add a credit card by accepting when Safari offers to save it when you make an online purchase. See [iCloud Keychain](#).


Use your credit card information. Look for the AutoFill Credit Card button above the onscreen keyboard whenever you're in a credit card field. Your card's security code isn't stored, so you still enter that yourself. If you're not using a passcode for iPhone, you might want to start; see [Use a passcode with data protection](#).


Submit a form. Tap Go, Search, or the link on the webpage.

Avoid clutter with Reader

Use Safari Reader to focus on a page's primary content.



Focus on content. Tap  at the left end of the address field. If you don't see the icon, Reader isn't available for the page you're looking at.

Share just the good stuff. To share just the article text and a link to it, tap  while viewing the page in Reader.

Return to the full page. Tap the Reader icon in the address field again.

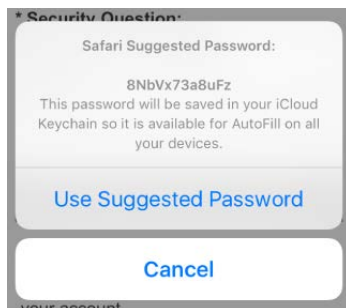
Privacy and security

You can adjust Safari settings to keep your browsing activities to yourself and protect yourself from malicious websites.

Want to keep a low profile? Go to Settings > Safari, then turn on Do Not Track. Safari will ask websites you visit not to track your browsing, but beware—a website can choose not to honor the request.



Control cookies. Go to Settings > Safari > Block Cookies. To remove cookies already on iPhone, go to Settings > Safari > Clear History and Website Data.

Let Safari create secure passwords and store them for you. Tap the password field when creating a new account, tap Suggest Password, then Safari will suggest a password for you to use.



View your saved passwords. Go to Settings > Safari > Passwords, then enter your iPhone passcode.

Erase your browsing history and data from iPhone. Go to Settings > Safari > Clear History and Website Data.

Visit sites without making history. Tap , then tap Private. Sites you visit won't appear in iCloud Tabs or be added to History on your iPhone. To put away your private sites, tap , then tap Private again. You can close the pages, or keep them for viewing the next time you use Private Browsing Mode.

Watch for suspicious websites. Go to Settings > Safari, then turn on Fraudulent Website Warning.

Safari settings

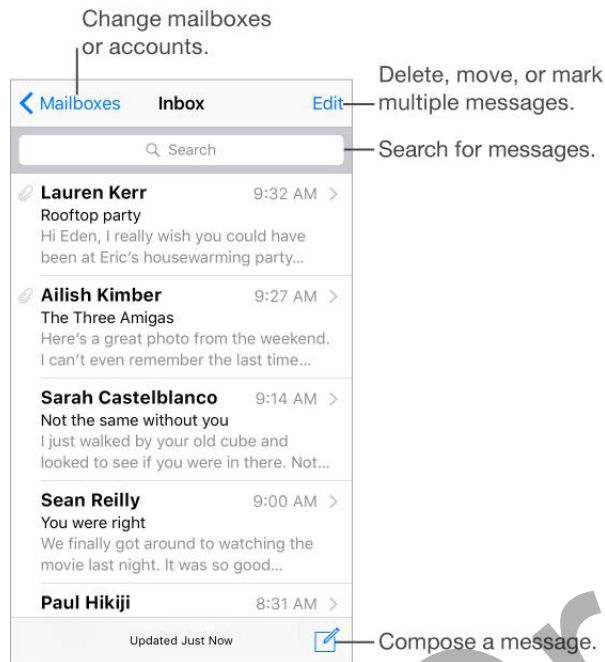
Go to Settings > Safari, where you can:

- Choose your search engine and configure search results
- Provide AutoFill information
- Choose which favorites are displayed when you search
- Have links open in a new tab or in the background
- Block pop-ups
- Tighten privacy and security
- Clear your history and website data
- Choose whether to use cellular data for Reading List items
- Configure advanced settings and more

Mail

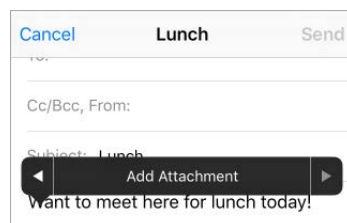
Write messages

WARNING: For important information about avoiding distractions that could lead to dangerous situations, see [Important safety information](#).




Quickly create a new message. On iPhone 6s and iPhone 6s Plus, press the Mail icon on the Home screen to create a new message.

Add attachments. Double-tap, tap Add Attachment, then select files from iCloud Drive.



Insert a photo or video. Double-tap, then tap Insert Photo or Video. Also see [Edit text](#).

Quote some text when you reply. Tap the insertion point, then select the text you want to include. Tap , then tap Reply. You can turn off the indentation of the quoted text in Settings > Mail, Contacts, Calendars > Increase Quote Level.

Send a message from a different account. Tap the From field to choose an account.

Change a recipient from Cc to Bcc. After you enter recipients, you can drag them from one field to another or change their order.

Mark addresses outside certain domains. When you're addressing a message to a recipient that's not in your organization's domain, Mail can color the recipient's name red to alert you. Go to Settings > Mail, Contacts, Calendars > Mark Addresses, then define the domains that you don't want marked. You can enter multiple domains separated by commas, such as "apple.com, example.org."

Ask Siri. Say something like:

- "New email to Jonah Schmidt"
- "Email Simon and say I got the forms, thanks"

Preview your messages



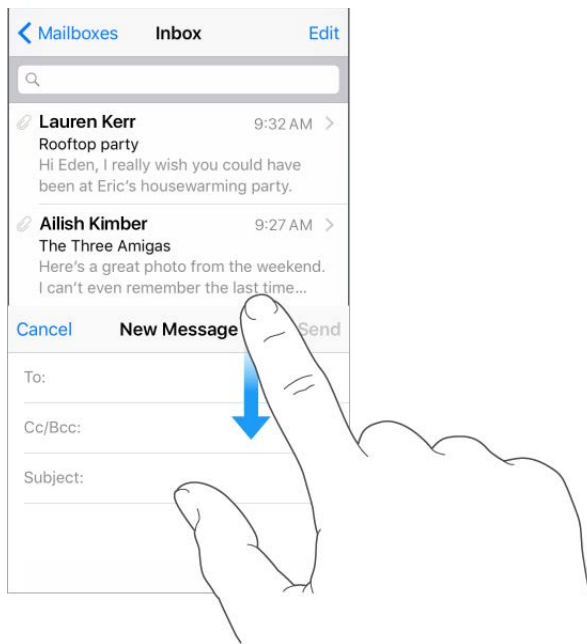
See a longer preview. Go to Settings > Mail, Contacts, Calendars > Preview. You can show up to five lines.

Quickly preview a message. On iPhone 6s and iPhone 6s Plus, press a message to peek at it, then swipe up, left, or right for actions. Press a little deeper to pop the message open.

Is this message for me? Go to Settings > Mail, Contacts, Calendars, then turn on Show To/Cc Label. If the label says Cc instead of To, you were just copied. You can also use the To/Cc mailbox, which gathers all mail addressed to you. To show or hide it, swipe to the right (or tap Mailboxes), then tap Edit.

Finish a message later



Look at another message while you're writing one. Swipe down on the title bar of a message you're writing. When you're ready to return to your message, tap its title at the bottom of the screen. If you have more than one message waiting to be finished, tap the bottom of the screen to see them all.




Save a draft for later. If you're writing a message and want to finish it later, tap **Cancel**, then tap **Save Draft**. To get it back, touch and hold **Compose**.

With OS X Yosemite or later, you can also hand off unfinished messages with your Mac. See [About Continuity features](#).

See important messages

Get notified of replies to a message or thread. While reading a message, tap , then tap **Notify Me**. While you're writing a message, tap  in the **Subject** field. To change how notifications appear, go to **Settings > Notifications > Mail > Thread Notifications**.


Gather important messages. Add important people to your VIP list, so all their messages appear in the VIP mailbox. Tap the sender's name in a message, then tap **Add to VIP**. To change how notifications appear, go to **Settings > Notifications > Mail > VIP**.

Flag a message so you can find it later. Tap  while reading the message. To change the appearance of the flagged message indicator, go to **Settings > Mail, Contacts, Calendars > Flag Style**. To see the **Flagged** mailbox, tap **Edit** while viewing the **Mailboxes** list, then tap **Flagged**.

Search for a message. Scroll to or tap the top of the message list to reveal the search field. Searching looks at the address fields, the subject, and the message body. To search multiple accounts at once, search from a smart mailbox, such as **All Sent**.

Search by timeframe. Scroll to or tap the top of the messages list to reveal the search field, then type something like "February meeting" to find all messages from February with the word "meeting."

Search by message state. To find all flagged, unread messages from people in your VIP list, type “flag unread vip.” You can also search for other message attributes, such as “attachment.”


Junk, be gone! Tap  while you’re reading a message, then tap Move to Junk to file it in the Junk folder. If you accidentally move a message, shake iPhone immediately to undo.

Make a favorite mailbox. Favorite mailboxes appear at the top of the Mailboxes list so you can access them easily. To designate a mailbox as a favorite, tap Edit while viewing the Mailboxes list. Tap Add Mailbox, then select the mailboxes to add.

Show draft messages from all of your accounts. While viewing the Mailboxes list, tap Edit, tap Add Mailbox, then turn on the All Drafts mailbox.


Ask Siri. Say something like: “Any new mail from Natalia today?”


Delete messages

View then delete a message. Tap a message to open it. When you’re ready to delete it, tap  .

Delete a message with a swipe. While viewing a list of messages, swipe a message to the left to reveal a menu of actions, then tap Trash. Or swipe all the way to the left.

Delete multiple messages simultaneously. While viewing a list of messages, tap Edit. Select some messages, then tap Trash. If you make a mistake, shake iPhone immediately to undo.

Recover a deleted message. Go to the account’s Trash mailbox, open the message, then tap  and move the message. Or, if you just deleted it, shake iPhone to undo. To see deleted messages across all your accounts, add the Trash mailbox. To add it, tap Edit in the mailboxes list, then select it in the list.

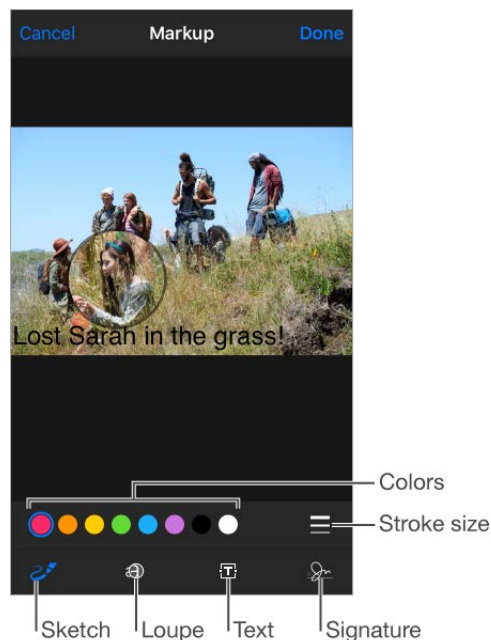
Archive instead of delete. Instead of deleting messages, you can archive them so they’re still around, in the Archive mailbox, if you need them. To turn this option on, select Archive Mailbox in Settings > Mail, Contacts, Calendars > *account name* > Account > Advanced. Then, to delete a message instead of archiving it, touch and hold , then tap Delete.

Stash your trash. You can set how long deleted messages stay in the Trash mailbox. Go to Settings > Mail, Contacts, Calendars > [*account name*] > Account > Advanced.

Attachments

Save a photo or video to Photos. Touch and hold the photo or video until a menu appears, then tap Save Image.

Mark up attachments. You can use Markup to annotate an image or PDF attachment. Touch and hold the attachment, then tap Markup (if it's an attachment you're sending) or "Markup and Reply" if it's an attachment you've received.



Open an attachment with another app. Touch and hold the attachment until a menu appears, then tap the app you want to use to open the attachment. Some attachments automatically show a banner with buttons you can use to open other apps.

See messages with attachments. The Attachments mailbox shows messages with attachments from all accounts. To add it, tap Edit while viewing the Mailboxes list.

Add an attachment. See [Write messages](#).

Send large attachments. Mail Drop lets you send files that exceed the maximum size allowed by your email account. Tap Send when you're ready to send a message with large attachments, then follow the onscreen instructions to use Mail Drop.

Work with multiple messages

Move or mark multiple messages. While viewing a list of messages, tap Edit. Select some messages, then choose an action. If you make a mistake, shake iPhone immediately to undo.

Manage a message with a swipe. While viewing a list of messages, swipe a message to the left to reveal a menu of actions. Swipe all the way to the left to select the first action. You can also swipe a message to the right to reveal another action. Choose the actions you want to appear in the menus at Settings > Mail, Contacts, Calendars > Swipe Options.

Organize your mail with mailboxes. Tap Edit in the mailboxes list to create a new one, or rename or delete one. (Some built-in mailboxes can't be changed.) There are several smart mailboxes, such as Unread, that show messages from all your accounts. Tap the ones you want to use.


See and save addresses

See who received a message. While viewing the message, tap More in the To field.

Add someone to Contacts or make them a VIP. Tap the person's name or email address, then tap Add to VIP. You can also add their address to a new or existing contact.

Print messages

Print a message. Tap , then tap Print.

Print an attachment or picture. Tap to view it, tap , then choose Print.

See [AirPrint](#).

Mail settings

Go to Settings > Mail, Contacts, Calendars, where you can:

- Create a different mail signature for each account
- Add mail accounts
- Set Out of Office replies for Exchange mail accounts
- Bcc yourself on every message you send
- Turn on Organize by Thread to group related messages together
- Turn off confirmation for deleting a message
- Turn off Push delivery of new messages, to save on battery power
- Temporarily turn off an account

Music

Music at a glance

Use Music to enjoy music stored on iPhone as well as music streamed over the Internet, including the live worldwide station Beats 1. With an optional Apple Music membership, listen to millions of tracks, recommended by music experts.

Note: You need a Wi-Fi or cellular connection to stream Apple Music, Radio, and Connect content. In some cases an Apple ID is also required. Services and features are not available in all areas, and features may vary by area. Additional charges may apply when using a cellular connection.

WARNING: For important information about avoiding hearing loss, see [Important safety information](#).

Access music

Play music and other audio content on iPhone in the following ways:

- *Become an Apple Music member:* With a membership and Wi-Fi or cellular connection, stream as much music as you like from the Apple Music catalog and make songs, albums, and playlists available for offline play. See [Apple Music](#).
- *Listen to Beats 1:* Tune in to Beats 1 radio for free.
- *Purchase music from the iTunes Store:* Go to iTunes Store. See [iTunes Store at a glance](#).
- *iCloud Music Library:* iCloud Music Library includes all your music from Apple Music, your iTunes purchases, and songs uploaded from your computer, along with your iTunes Match library. Find this music in My Music. See [My Music](#).
- *Family Sharing:* Purchase an Apple Music Family Membership and everyone in your Family Sharing group can enjoy Apple Music. If you aren't an Apple Music member, you can still listen to songs purchased by other members of your family who have chosen to share their purchases. Go to iTunes Store, tap More, tap Purchased, then choose a family member. See [Family Sharing](#).
- *Sync content with iTunes on your computer:* See [Sync with iTunes](#).

Apple Music

As an Apple Music member you can listen to dozens of hand-curated ad-free radio stations and create your own stations, all with unlimited skips. You can also access millions of songs for streaming and offline play, receive recommendations from music experts and artists, and share playlists among friends.

Members and nonmembers alike can also listen to music stored on iPhone, access iTunes purchases available through Family Sharing, stream previous iTunes purchases to iPhone, enjoy content posted directly by artists, and listen to Beats 1 radio. You can also play tracks identified by iTunes Match, if you have an iTunes Match subscription.

Join Apple Music. You can join Apple Music when you first open Music, or later in Settings > Music > Join Apple Music.

Note: You can play Apple Music and Radio tracks on only one device at a time unless you have an Apple Music Family Membership, which lets you play music on multiple devices. If you end your Apple Music membership, you can no longer stream Apple Music tracks or play Apple Music tracks saved for offline play.

Get personalized recommendations

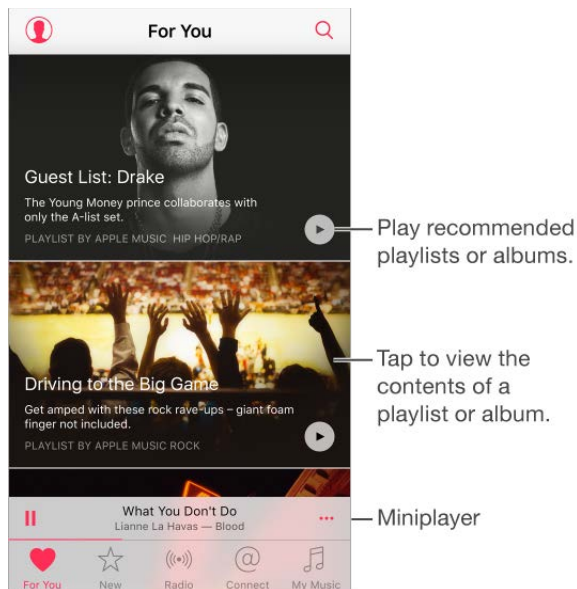
Apple Music can suggest songs you might enjoy, with a little guidance from you about your genre and artist preferences.

Select your favorite genres and artists. When you first tap For You, you're asked to tell Music about your preferences. Tap the genres you like. (Double-tap those you love, and touch and hold the genres you don't care for.) Tap Next, then do the same with the artist names that appear. Apple Music uses these preferences when recommending music to you.

Update genre and artist preferences. Tap , then tap Choose Artists For You.

For You

Discover expertly selected playlists and albums based on your tastes.



View music tweaked to your taste. Tap ► to play an album or playlist. Tap an album or a playlist’s album art to view its contents. If you find a recommendation you don’t care for, touch and hold it, then tap I Don’t Like This Suggestion. To get more recommendations, pull down to refresh the list.

Note: On iPhone 6s and iPhone 6s Plus, press to preview the contents of albums and playlists in For You, New, and My Music. Swipe up, then tap Play, Shuffle, or Add to My Music.

Tell Music what you love. Tap ♥ when viewing an album’s contents or an artist’s screen, or from Now Playing to help improve future recommendations.


Reorder a For You playlist. Play the playlist, tap the Miniplayer to show the Now Playing screen, then tap ≡. Drag ≡ to rearrange the song order.


Quickly see an album’s most popular tracks. Bars appear to the right of popular tracks.




Add For You playlists. Touch and hold the playlist, then tap +. On iPhone 6s and iPhone 6s Plus, you can press the playlist, swipe up, then tap Add to My Music. The playlist remains in your music library and updates automatically if the playlist changes. (Go to Settings > Music, then turn on iCloud Music Library to display these playlists.)




Do more with your music. When viewing the contents of an album, tap ●● to play that album next, add the album to the Up Next queue, add the album to a playlist, add the album to your library, mark the album as a favorite, create a station based on that album, or share the album. You can also play a playlist next, add it to the Up Next queue, add it to your library, mark it as a favorite, and share it.

Search for and add music

Find your music. Tap , tap My Music, then enter a song, album, playlist, artist, compilation, or genre. Results include music on iPhone as well as music in your iCloud Music Library. Tap a result to play it.

Search Apple Music. Tap  , tap All Apple Music, then select a trending search or enter a song, album, playlist, artist, curator, music video, activity, radio station, or genre. Tap a result to play it.

Add Apple Music. To add music, tap , where available (when viewing an album or playlist, for example). To add a track from the Now Playing screen, tap , then tap . To stream an added song to iPhone, tap it within My Music.

Save Apple Music. To save music to iPhone so that you can play it when you don't have a Wi-Fi or cellular connection, tap  to add it to My Music, then tap  to download it. Downloaded tracks, playlists, and albums display .




A progress indicator appears next to each track as it downloads. You can also see the progress of tracks being saved to iPhone—and access options for pausing tracks or removing them from the Downloads list—by tapping the Downloads bar, which appears near the top of the screen when you save tracks.

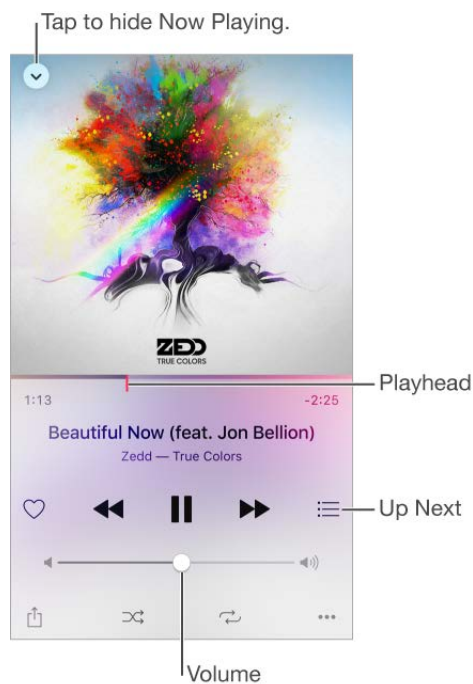
Note: Settings > Music > iCloud Music Library must be turned on to add and save Apple Music to your library.

Play music


Choose music from the Home screen. On iPhone 6s and iPhone 6s Plus, press the Music icon and choose an action.


Control playback. Tap a song to play it and show the Miniplayer. Tap the Miniplayer to show the Now Playing screen, where you can do the following:

- Tap  to skip to the next song.
- Tap  to return to the song's beginning.
- Double-tap  to play the previous song in an album or playlist.





Skip to any point in a song. Drag the playhead. Decrease the scrubbing speed by sliding your finger down the screen.

Share music. Tap , then choose a sharing option.

Shuffle. Tap  to play your songs in random order.

Repeat. Tap  to repeat an album or playlist. Double-tap  to repeat a single song.

More. Tap  for additional options.

See what's up next. Tap . Tap a song to play it and the songs that follow. Drag  to reorder the list.

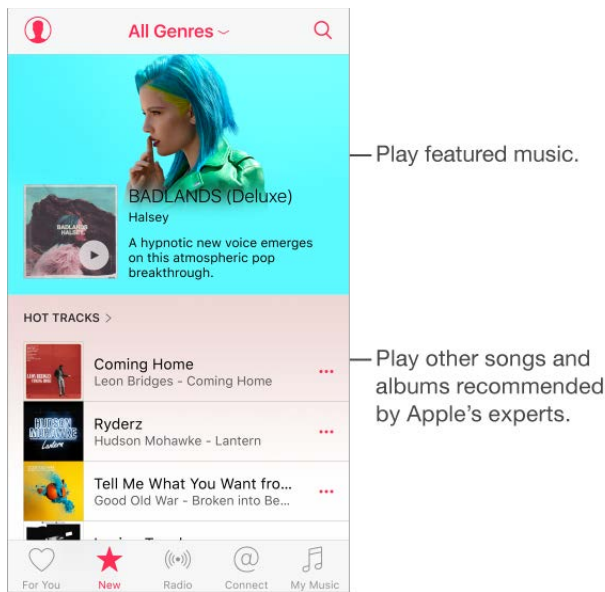
Stream music to an AirPlay-enabled device. Tap  in Now Playing, then choose a device. See [AirPlay](#).

Quickly navigate to the album. Tap the track, artist, or album name in Now Playing to be taken to the album it's from.

Hide Now Playing. Swipe down the album art or tap  to hide Now Playing.

New

Music experts pick today's best music. Tap New to browse their recommendations.



— Play featured music.

— Play other songs and albums recommended by Apple's experts.

Browse expert recommendations. Tap New, then tap a featured album, song, artist, or playlist.

Browse your favorite genres. Tap All Genres, choose a genre, then tap a featured album, song, artist, or playlist to hear music handpicked by music experts.

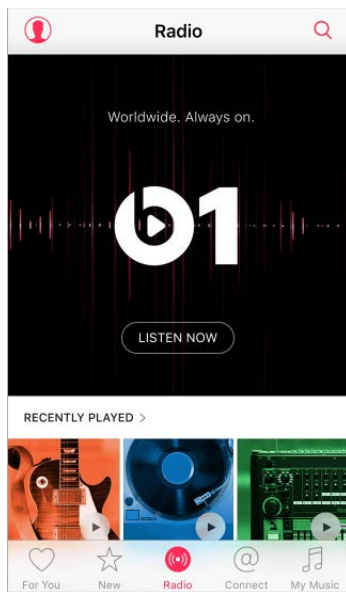
Fit the music to the mood. Scroll down, then tap Activity Playlists to play music that fits with what you're doing (or how you're feeling).

Get expert advice. Scroll down, then tap Apple Editors Playlists or Curator Playlists to discover music recommended by music experts. Tap Follow to keep up with your favorite experts.

See what's hot. Scroll down to Top Songs, then tap More Top Charts to view top songs, top albums, and other popular content.

Radio

Radio offers the always-on Beats 1, featuring top DJs playing today's best music. The featured stations created by experts provide a great way to explore and enjoy new music in a variety of genres. You can also create your own custom stations, based on your pick of artist, song, or genre.



Tap to play the station.

Listen to live radio. Tap Listen Now to tune in to Beats 1.

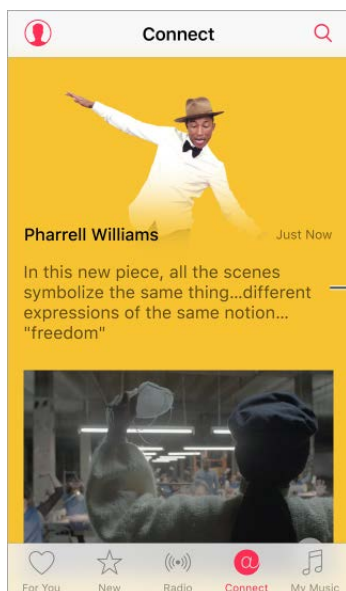
Note: Because Beats 1 is live radio, you can't pause, rewind, or skip tracks.

Listen to your favorite music genre. Tap a station or, if you already listened to a station, tap a recently played station.


Create a station. When browsing an artist, song, or genre, tap , then tap .

Connect

Even if you're not an Apple Music member you can follow your favorite artists, learn more about them, read their recent posts, and comment on what you find.





View posts from your favorite artists.

Follow an artist. Music automatically follows the artists found in your music library. To follow other artists, search for an artist, then tap Follow on the artist's page. To stop following an artist, go to the artist's page, then tap Following. Or tap , tap Following,

then tap Unfollow next to the artist's name.

View an artist's content. Tap Connect to view the content shared by artists you follow. You can also navigate to any artist's page to see what that artist is sharing.


Make a comment. Tap , type in the comment field, then tap Post. Create a nickname the first time you make a comment.


Share an artist post. Tap , then choose a sharing option.

Playlists


Create playlists to organize your music. If you're an Apple Music member, tap My Music, tap Playlists, then tap New Playlist. (If you're not an Apple Music member, tap Playlists at the bottom of the screen.) Enter a title and description, then tap Add Songs. Select songs and albums to add to the playlist. The most recently changed playlist appears as the first choice when you add songs to a playlist.

You can also tap  next to a song or album, tap Add to a Playlist, then tap New Playlist.



To customize your playlist's artwork, tap , then take a photo or choose an image from your photo library.

Share a playlist. To share a playlist you created on iPhone, tap  next to it, tap , then choose a sharing option.

View particular playlists. In addition to playlists you create, Playlists includes playlists you added from Apple Music, as well as those shared with you. To view just the playlists you created, tap All Playlists, then tap My Playlists. You can also choose to see just Apple Music Playlists or only the playlists saved on iPhone.

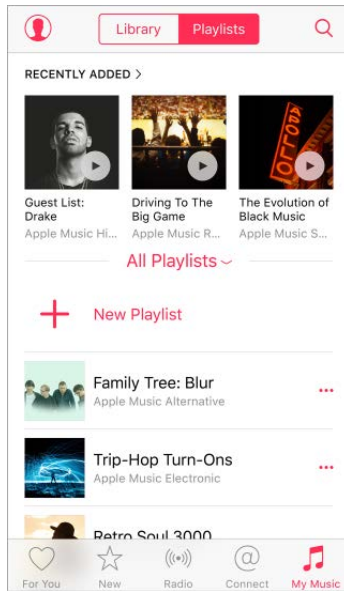
Create a Genius playlist. In My Music tap  next to a song, then tap Create Genius Playlist.

Edit a playlist you created on iPhone. Select the playlist, then tap Edit.

- *Add more songs:* Tap Add Songs.
- *Delete a song:* Tap , then tap Delete. Deleting a song from a playlist doesn't delete it from iPhone.
- *Change the song order:* Drag .

New and changed playlists are added to iCloud Music Library and appear on all your devices if you're an Apple Music member or iTunes Match subscriber. If you're not a member or subscriber, they're copied to your music library the next time you sync iPhone with your computer.

Delete a playlist you created on iPhone. Tap ●●● next to the playlist, then tap Delete from My Music.



iTunes Match

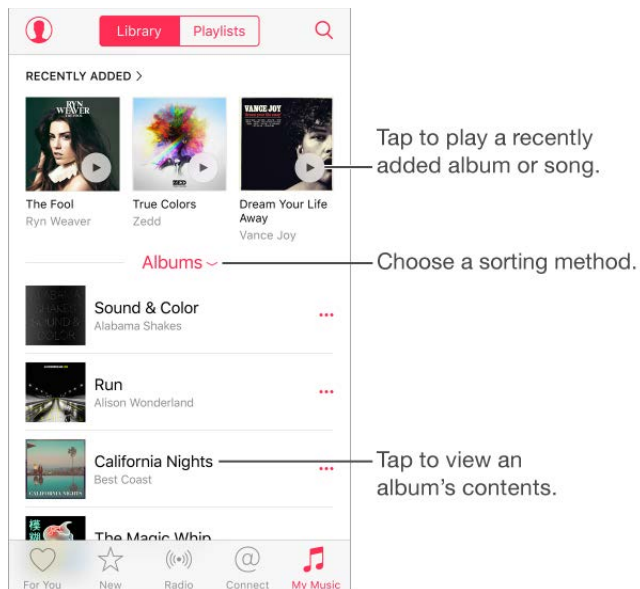
If you have an iTunes Match subscription, your iTunes Match library is accessible in iCloud Music Library. To learn more about iTunes Match, see support.apple.com/HT204146.

Subscribe to iTunes Match. Go to Settings > Music > Subscribe to iTunes Match.


Turn on iTunes Match. Go to Settings > iTunes & App Store. Sign in if you haven't already.

My Music

My Music includes any Apple Music content you added, music and music videos synced to iPhone, iTunes purchases, and the music you make available through iTunes Match.




Browse and play your music. Tap the sorting menu to display your music by Artists, Albums, Songs, and more. Tap the album art to play a song or album. Tap the Miniplayer to display the Now Playing screen.

Save music to iPhone. Tap **...** next to an album, playlist, or track in My Music, then tap .

View only music stored on iPhone. Tap My Music, tap the sorting menu, then turn on Only Downloaded Music.

Delete a song or album from My Music. Tap **...** next to the song or album, then tap Delete from My Music. The item is deleted from your iCloud Music Library.

Remove a song or album stored on iPhone. Tap **...** next to the song or album, tap , then tap Remove Downloads. The item is removed from iPhone, but not from iCloud Music Library.

To manage music storage on iPhone, go to Settings > General > Storage & iCloud Usage > Manage Storage > Music.

Add music to a playlist. Tap **...** next to an album or track, tap Add to a Playlist, then choose a playlist.

Note: The first time you tap Add to Playlist, you can choose to automatically add songs to your library when you add them to a playlist. If you choose to add them to your library, that choice is synced to all devices associated with your Apple ID. Go to Settings > Music > Add Playlist Songs to My Music to change this behavior.

Get audio controls from the Lock screen or when using another app. Swipe up from the bottom edge of the screen to open Control Center. See [Control Center](#).

Siri and Voice Control

You can use Siri or Voice Control to control music playback. See [Make requests](#) and [Voice Control](#).

Siri can also help you find music in the iTunes Store. See "Find it with Siri" in [Browse or search](#).

Use Voice Control. Press and hold the Home button. Voice Control only works when Siri is disabled.

- *Play or pause music:* Say "play music." To pause, say "pause," "pause music," or "stop." You can also say "next song" or "previous song."
- *Play an album, artist, or playlist:* Say "play album," "play artist," or "play playlist" followed by the name of the artist, album, or playlist you wish to play.
- *Find out more about the current song:* Say "what's playing," "who sings this song," or "who is this song by."

Use Siri. Press and hold the Home button. In addition to the commands available through Voice Control, you can use Siri to do the following:

- *Play an album, artist, song, playlist, or Radio station:* Say "play" followed by the name of the artist, album, song, playlist, or station that you want to play. If Siri doesn't find what you asked for, be more specific. For example, say "play the radio station 'Pure Pop'" rather than saying "play 'Pure Pop.'"
- *Play music in random order:* Say "play (artist or album) shuffled."
- *Play similar music:* While music is playing, say "play more songs like this one" or "create a radio station based on this song."
- *Browse Apple Music:* You can play any Apple Music track by title ("play 'Happy' by Pharrell Williams"), by artist ("play Echosmith"), by chart ("play the top song from March 1981"), and change versions ("play the live version of it").
- *Add music from Apple Music to your collection (Apple Music membership required):* Say, for example, "add 'Lifted Up' by Passion Pit to My Music" or, while playing something, say "add this to my collection."

Music settings

Go to Settings > Music to set options for Music. The options you see depend on your membership status.

- *Join Apple Music:* If you're not currently an Apple Music member, you can show Apple Music features as well as become a member.
- *Show Apple Music:* Apple Music members can show or hide Apple Music content. To hide the For You and New buttons, turn off Show Apple Music.
- *Use Cellular Data:* Allow Apple Music to stream over a cellular connection. Turn this option on to stream high-quality music over cellular. Turning on High Quality on Cellular uses more cellular data, and songs may take longer to start playing.
- *Sort Albums:* You can sort by artist or title.
- *iCloud Music Library:* With this option off, all Apple Music content is removed from iPhone. Music you purchased or synced, and music identified by iTunes Match that you added for offline play remains.
- *Add Playlist Songs to My Music:* Turn this on to automatically add songs to your library when you add them to playlists. Turn it off, and songs you add to playlists are not also added to your library.
- *Equalization (EQ):* EQ settings generally apply only to music played from the Music app, but they affect all sound output, including the headset jack, AirPlay, and Bluetooth audio connections.

Note: The Late Night setting compresses the dynamic range of the audio output, reducing the volume of loud passages and increasing the volume of quiet passages. You might want to use this setting when listening to music on an airplane or in some other noisy environment. (The Late Night setting applies to all audio output—video as well as music.)

- *Volume Limit:* In some European Union (EU) countries, iPhone may indicate when you're setting the volume above the EU-recommended level for hearing safety. To increase the volume beyond this level, you may need to briefly release the volume control. To limit the maximum headset volume to this level, go to Settings > Music > Volume Limit, then turn on EU Volume Limit.

Note: To prevent changes to the volume limit, go to Settings > General > Restrictions > Volume Limit, then tap Don't Allow Changes.

- *Sound Check:* Sound Check normalizes the volume level of your audio content.

Messages

SMS, MMS, and iMessage

Messages lets you exchange text messages with other SMS and MMS devices using your cellular connection, and with other iOS devices and Mac computers using iMessage.

iMessage is an Apple feature that lets you send messages over Wi-Fi (or cellular connections) to others using iOS 5 or later, or OS X Mountain Lion or later. Messages you send using iMessage don't count against your text messaging plan with your carrier. Messages can include photos, videos, and other info. You can see when other people are typing, and let them know when you've read their messages. If you're signed in to iMessage using the same Apple ID on other iOS devices or a Mac (OS X Mavericks or later), you can start a conversation on one device and continue it on another. For security, messages you send with iMessage are encrypted before they're sent.

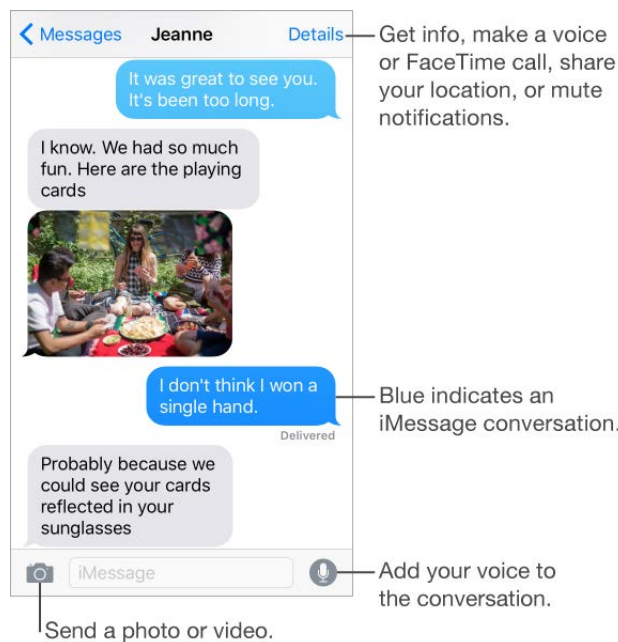
With Continuity, you can also send and receive SMS and MMS messages in the Messages app on other iOS devices (with iOS 8) or a Mac (with OS X Yosemite), if they are signed in to iMessage with the same Apple ID as your iPhone. See [About Continuity features](#).



Sign in to iMessage on an iOS device. Go to Settings > Messages, then turn on iMessage.

Sign in to iMessage on a Mac. On your Mac, open Messages, choose Messages > Preferences, click Accounts, then select iMessage in the Accounts list. Enter your Apple ID and password, then click Sign In.

WARNING: For important information about avoiding distractions while driving, see [Important safety information](#).

Send and receive messages



Start a conversation. Tap , then enter a phone number or email address, or tap , then choose a contact. You can also start a conversation by tapping a phone number in Contacts, Calendar, or Safari.

Start a conversation from the Home screen. On iPhone 6s and iPhone 6s Plus, press the Messages icon, then tap New Message.

Note: An alert  appears if a message can't be sent. Tap the alert in a conversation to try sending the message again.



Ask Siri. Say something like:




- "Send a message to Emily saying how about tomorrow"
- "Read my messages"
- "Read my last message from Bob"
- "Reply that's great news"

Preview a conversation. On iPhone 6s and iPhone 6s Plus, press a conversation in the Messages list to get a peek at the conversation, then press a little deeper to open it.

Quickly respond to a message. On iPhone 6s and iPhone 6s Plus, press a conversation in the Messages list, then swipe up to see available actions.

Resume a conversation. Tap the conversation in the Messages list.

Use picture characters. When you type a message, tap  or  to change to the Emoji keyboard. See [Special input methods](#).


Tap to Talk. Touch and hold  to record a message, then swipe up to send it immediately. Lift your finger, then tap  to listen to your message before you send it, or tap  to delete it.




To save space, Tap to Talk audio messages that you receive are deleted automatically two minutes after you listen to them, unless you tap Keep. To keep them automatically, go to Settings > Messages > Expire (under Audio Messages), then tap Never.

Raise iPhone to listen or reply to an audio message. Raise iPhone to your ear, as if you were talking on the phone, to play incoming audio messages automatically. Raise iPhone to your ear again to reply to an audio message. Turn this feature on or off at Settings > Messages, under Audio Messages.

See what time a message was sent or received. Drag any bubble to the left.

See a person's contact info. In a conversation, tap Details, then tap . Tap the info items to perform actions, such as making a FaceTime call.

Send messages to a group (iMessage and MMS). Tap , then enter multiple recipients. With MMS, group messaging must also be turned on in Settings > Messages, and replies are sent only to you—they aren't copied to the other people in the group.

Give a group a name. While viewing the conversation, tap Details, drag down, then enter the name in the Subject line.

Add someone to a group. While viewing the conversation, tap Details, then tap Add Contact. The person you add doesn't see messages sent within the group prior to you adding him or her.

Leave a group. Tap Details, then tap Leave this Conversation.

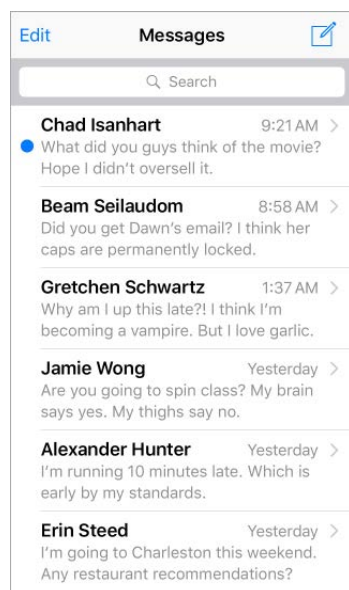
Keep it quiet. Tap Details, then turn on Do Not Disturb to mute notifications for the conversation.

Block unwanted messages. On a contact card, tap Block this Caller. You can see someone’s contact card while viewing a message by tapping Details, then tapping ⓘ. You can also block callers in Settings > Messages > Blocked. You will not receive voice calls, FaceTime calls, or text messages from blocked callers. For more information about blocking calls, see support.apple.com/HT201229.

Filter unknown senders. Go to Settings > Messages, then turn on Filter Unknown Senders. This turns off notifications for iMessages from people who are not in your contacts and sorts them into a separate Messages list. When you view a message from an unknown sender, tap Report Junk (below the message) to delete it and send it to Apple.

Manage conversations

Conversations are saved in the Messages list. A blue dot ● indicates unread messages. Tap a conversation to view or continue it.



View the Messages list. From a conversation, tap Messages or swipe to the right. On iPhone 6 Plus and later, you can also rotate iPhone to landscape orientation to see both the Messages list and the selected conversation.

Forward a message or attachment. Touch and hold a message or attachment, tap More, select additional items if desired, then tap ➦.

Delete a message or attachment. Touch and hold a message or attachment, tap More, select additional items if desired, then tap 🗑️.

Delete a conversation. In the Messages list, swipe the conversation to the left, then tap Delete.

Search conversations. In the Messages list, tap the top of the screen to display the search field, then enter the text you're looking for. You can also search conversations from the Home screen. See [Search](#).

Share photos, videos, your location, and more

With iMessage or MMS, you can send and receive photos and videos, and send locations, contact info, and voice memos. The size limit of attachments is determined by your service provider—iPhone may compress photo and video attachments when necessary.



Quickly take and send a photo or video. Touch and hold . Then slide to or to take a photo or video. Tap to preview your video.

To save space, Video Messages that you receive are deleted automatically two minutes after you view them, unless you tap Keep. To keep them automatically, go to Settings > Messages > Expire (under Video Messages), then tap Never.

Send photos and videos from your Photos library. Tap . Recent shots are right there; tap Photo Library for older ones. Select the items you want to send.

View attachments. While viewing a conversation, tap Details. Attachments are shown in reverse chronological order at the bottom of the screen. Tap an attachment to see it in full screen. In full-screen mode, tap to view the attachments as a list.

Send your current location. Tap Details, then tap Send My Current Location to send a map that shows where you are.

Share your location. Tap Details, then tap Share My Location and specify the length of time. The person you're texting can see your location by tapping Details. To turn Share My Location on or off, or to select the device that determines your location, go to Settings > iCloud > Share My Location (under Advanced).

Send items from another app. In the other app, tap Share or , then tap Message.

Share, save, or print an attachment. Tap the attachment, then tap .

Copy a photo or video. Touch and hold the attachment, then tap Copy.

Messages settings

Go to Settings > Messages, where you can:

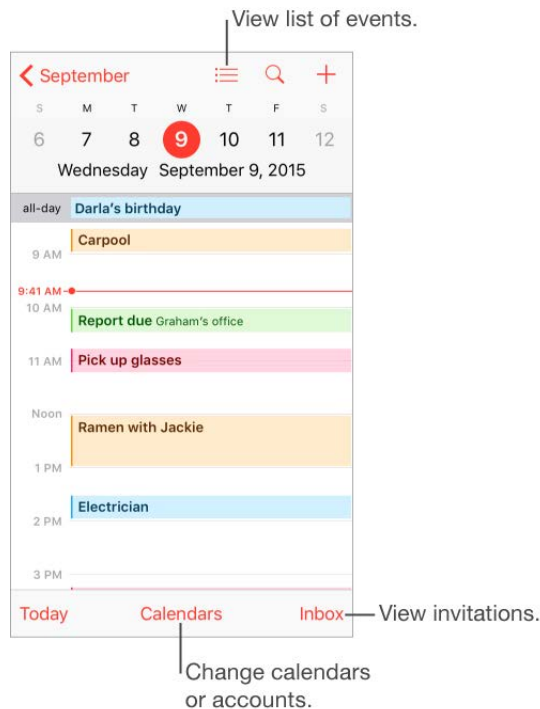
- Turn iMessage on or off
- Notify others when you've read their messages
- Specify phone numbers, Apple IDs, and email addresses to use with Messages
- Set SMS and MMS options
- Show the Subject field
- Block unwanted messages
- Set how long to keep messages
- Filter unknown senders
- Manage the expiration of audio messages and video messages created within Messages (audio or video attachments created outside of Messages are kept until you delete them manually)

Manage notifications for messages. See [Do Not Disturb](#).

Set the alert sound for incoming text messages. See [Sounds and silence](#).

Calendar


Calendar at a glance



Ask Siri. Say something like: “Set up a meeting with Barry at 9.”

Add an event. In day view, touch and hold a time until a new event appears, then fill in the event details. If you add the address of the event’s location, you’re reminded in time to leave from your current location, based on traffic conditions.

Add an event from the Home screen. On iPhone 6s and iPhone 6s Plus, press Calendar, then tap New Event.

Search for events. Tap , then enter text in the search field. The titles, invitees, locations, and notes for the calendars you’re viewing are searched.

Ask Siri. Say something like: “What’s on my calendar for Friday?”

View a weekly calendar. Rotate iPhone sideways.

Change your view. Tap a year, month, or day to zoom in or out on your calendar. In week or day view, pinch to zoom in or out.

Peek at a day’s events. On iPhone 6s and iPhone 6s Plus, in the monthly calendar, press a date to peek at that day’s schedule. Or, press deeper to pop open the schedule.

View a list of events. In month view, tap  to see a day’s events. In day view, tap .

Ask Siri. Say something like: “What’s on my calendar for Tuesday?”

Change the color of a calendar. Tap Calendars, tap ⓘ next to the calendar, then choose a color from the list. For some calendar accounts, such as Google, the color is set by the server.

Adjust an event. Touch and hold the event, then drag it to a new time, or adjust the grab points.

Ask Siri. Say something like: “Reschedule my appointment with Barry to next Monday at 9 a.m.”

Invitations

iCloud, Microsoft Exchange, and some CalDAV servers let you send and receive meeting invitations.

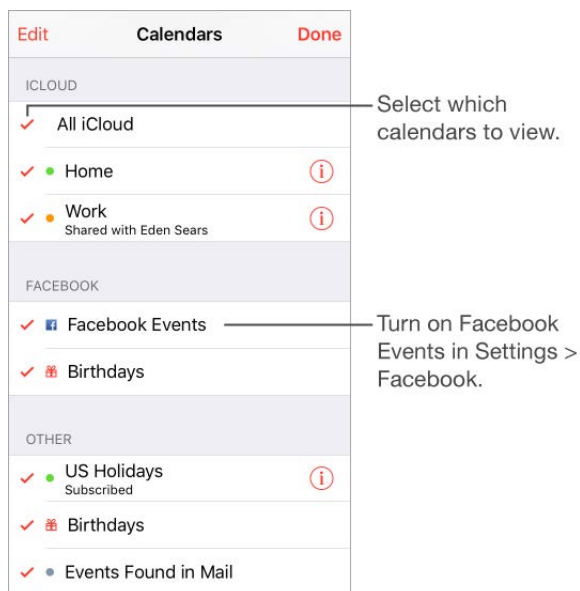
Invite others to an event. Tap an event, tap Edit, then tap Invitees. Type names, or tap ⊕ to pick people from Contacts. If you don’t want to be notified when someone declines a meeting, go to Settings > Mail, Contacts, Calendar > Show Invitee Declines.

RSVP. Tap an event you’ve been invited to, or tap Inbox and tap an invitation. If you add comments (which may not be available for all calendars), your comments can be seen by the organizer but not by other attendees. To see events you declined, tap Calendars, then turn on Show Declined Events.

Schedule a meeting without blocking your schedule. Tap the event, tap Availability, then tap “free.” Or if it’s an event you created, tap “Show As,” then tap “free.” The event stays on your calendar, but it doesn’t appear as busy to others who send you invitations.

Quickly send an email to attendees. Tap the event, tap Invitees, then tap ✉.

Use multiple calendars



Turn on iCloud, Google, Exchange, or Yahoo! calendars. Go to Settings > Mail, Contacts, Calendars, tap an account, then turn on Calendar.

Subscribe to a calendar. Go to Settings > Mail, Contacts, Calendars, then tap Add Account. Tap Other, then tap Add Subscribed Calendar. Enter the server and filename of the .ics file to subscribe to. You can also subscribe to an iCalendar (.ics) calendar published on the web, by tapping a link to the calendar.

Add a CalDAV account. Go to Settings > Mail, Contacts, Calendars, tap Add Account, then tap Other. Under Calendars, tap Add CalDAV Account.

Add an OS X Server account. Go to Settings > Mail, Contacts, Calendars, tap Add Account, then tap Other. Under Servers, tap Add OS X Server Account.

View the Birthdays calendar. Tap Calendars, then tap Birthdays to include birthdays from Contacts with your events. If you set up a Facebook account, you can also include your Facebook friends' birthdays.

View the Holidays calendar. Tap Calendars, then tap Holidays to include national holidays with your events.

View events sent to you in Mail messages. Tap Calendars, then tap Events Found in Mail. To turn off notifications for these events, go to Settings > Notifications > Calendar > Events Found in Mail.


See multiple calendars at once. Tap Calendars, then select the calendars you want to view.

Move an event to another calendar. Tap the event, tap Edit, tap Calendars, then select a calendar to move it to.

Share iCloud calendars

With Family Sharing, a calendar shared with all the members of your family is created automatically. See [Family Sharing](#). You can also share an iCloud calendar with other iCloud users. When you share a calendar, others can see it, and you can let them add or change events. You can also share a read-only version that anyone can view.

Create an iCloud calendar. Tap Calendars, tap Edit, then tap Add Calendar in the iCloud section.

Share an iCloud calendar. Tap Calendars, tap Edit, then tap the iCloud calendar you want to share. Tap Add Person, then enter a name, or tap  to browse your Contacts. Those you invite receive an email invitation to join the calendar, but they need an iCloud account to accept.

Change a person's access to a shared calendar. Tap Calendars, tap Edit, tap the shared calendar, then tap the person. You can turn off his or her ability to edit the calendar, resend the invitation to join the calendar, or stop sharing the calendar with that person.

Turn off notifications for shared calendars. When someone modifies a shared calendar, you're notified of the change. To turn off notifications for shared calendars, go to Settings > Notifications > Calendar > Shared Calendar Changes.

Share a read-only calendar with anyone. Tap Calendars, tap Edit, then tap the iCloud calendar you want to share. Turn on Public Calendar, then tap Share Link to copy or send the URL for your calendar. Anyone can use the URL to subscribe to the calendar using a compatible app, such as Calendar for OS X.

Calendar settings

Several settings in Settings > Mail, Contacts, Calendars affect Calendar and your calendar accounts. These include:

- Syncing of past events (future events are always synced)
- Display of events found in Mail messages
- Default calendar for new events
- Default time for alerts
- Time zone override, to show dates and times using a different time zone
- Which day starts the week
- Display of week numbers in the monthly calendar

- Display of Chinese, Hebrew, or Islamic dates

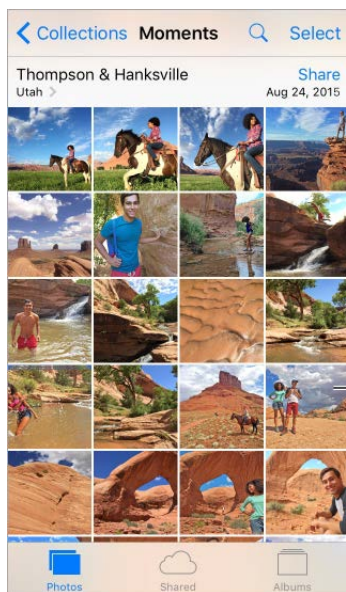
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Photos

View photos and videos

The Photos app lets you view the photos and videos:

- Taken with Camera on iPhone
- Stored in iCloud (see [iCloud Photo Library](#))
- Shared from others (see [iCloud Photo Sharing](#))
- Synced from your computer (see [Sync with iTunes](#))
- Saved from an email, text message, webpage, or screenshot

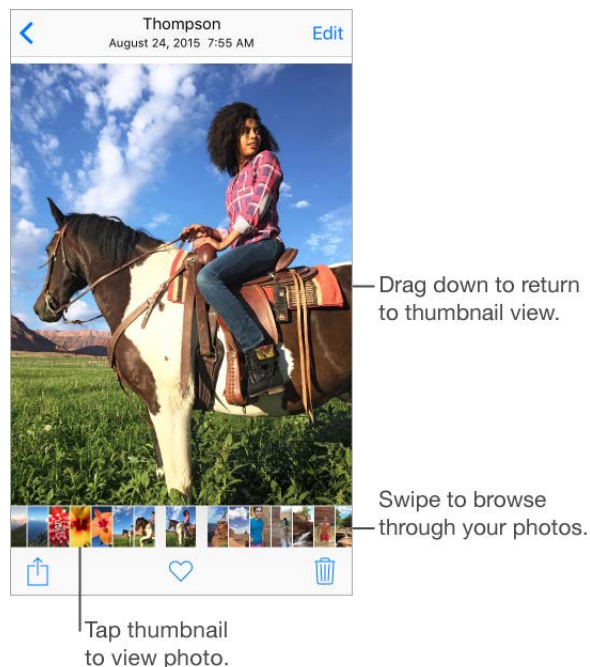


The Photos app includes tabs for Photos, Shared, and Albums.

- Tap Photos to see all your still photos, Live Photos, and videos, organized by Years, Collections, and Moments. To quickly browse the photos in a collection or year, touch and hold for a moment, then drag. See [Use Live Photos](#).
- Tap Shared to see photos and videos you shared with others or that others shared with you. See [iCloud Photo Sharing](#).
- Tap Albums to see how photos and videos are organized by albums. See [Organize photos and videos](#).


View all your photos and videos. By default, Photos displays a representative subset of your photos when you view by year or by collection. To see all your photos and videos, go to Settings > Photos & Camera, then turn off Summarize Photos.

Browse through your photos and videos. While viewing a photo, swipe the thumbnails to browse through your other photos. Tap a thumbnail to view a photo. Drag the photo down to go back to thumbnail view.




Press to peek at a photo or video. On iPhone 6s and iPhone 6s Plus, press a thumbnail to peek at a photo or video; press a little deeper to pop open the photo or video to full screen.


Play a Live Photo. Touch and hold the Live Photo. On iPhone 6s and iPhone 6s Plus, you can press the Live Photo. See [Use Live Photos](#).

Extract a still image from a Live Photo. View the Live Photo, tap  , tap  , then tap Duplicate as Still Photo.

Open the most recent photo from the Home screen. On iPhone 6s and iPhone 6s Plus, press Photos, then choose Most Recent Photo.

View by location. While viewing by year or by collection, tap  . Photos and videos that include location information appear on a map, showing where they were taken.

While viewing a photo or video, tap to show and hide the controls. Swipe left or right to go forward or backward.

Search photos. From Albums or Photos, tap  to search by date (month and year), or place (city and state). Search also keeps your Recent Searches on hand and gives you a list of suggested searches.


Ask Siri. Say something like:

- "Show me photos from July"

- “Show me photos of California”
- “Show me photos from my Vacation album”

Zoom in or out. Double-tap, or pinch a photo. When you zoom in, you can drag to see other parts of the photo.

Play a video. Tap ▶. To toggle between full screen and fit-to-screen, double-tap the screen.

Play a slideshow. While viewing a photo, tap , then tap Slideshow. Select options, then tap Start Slideshow. To stop the slideshow, tap the screen. To set other slideshow options, go to Settings > Photos & Camera.


To stream a slideshow or video to a TV, see [AirPlay](#).

Organize photos and videos

The Albums tab includes albums you create yourself and albums that are created for you, depending on how you use Photos. For example, videos you take are automatically added to the Videos album.



If you use iCloud Photo Library, all your photos in iCloud are in the All Photos album (see [iCloud Photo Library](#)). Otherwise, you see the Camera Roll album, which includes photos and videos you took with iPhone and from other sources.

Note: If you use iCloud Photo Library, albums are stored in iCloud and are up to date and accessible on any iOS 8.1 or later device, Mac with OS X Yosemite v10.10.3 or later, and on [iCloud.com](#) using the same Apple ID. See [iCloud Photo Library](#).


Create a new album. Tap Albums, tap , enter a name, then tap Save. Select photos and videos to add to the album, then tap Done.


Add items to an existing album. While viewing thumbnails, tap Select, select items, tap Add To, then select the album.

Manage albums. While viewing your album list, tap Edit.


- *Rename an album:* Select the album, then enter a new name.
- *Rearrange albums:* Drag .
- *Delete an album:* Tap .


With iCloud Photo Library, you can manage all your albums from any iOS 8.1 or later device set up with iCloud Photo Library.

Mark your favorites. While viewing a photo or video, tap  to automatically add it to the Favorites album. A photo or video can be part of another album as well as Favorites.

Hide photos or videos you want to keep but not show. While viewing thumbnails, tap Select, then select the photos or videos you want to hide. Tap , then tap Hide. The photos or videos are moved to the Hidden album.

Note: Photos or videos are hidden from Moments, Collections, and Years, but are still visible in Albums.

Remove a photo or video from an album. Tap the photo or video, tap , then tap Delete Photo. The photo or video is removed from the album and from the Photos tab.

Delete a photo or video from Photos. Tap the Photos tab, tap the photo or video, tap , then tap Delete Photo or Delete Video. Deleted photos and videos are kept in the Recently Deleted album on iPhone, with a badge showing the remaining days until the item is permanently removed from iPhone. To delete the photo or video permanently before the days expire, tap the item, tap Delete, then tap Delete Photo or Delete Video. If you use iCloud Photo Library, deleted photos and videos are permanently removed from all your devices using iCloud Photo Library with the same Apple ID.

Recover a deleted photo or video. In the Recently Deleted album, tap the photo or video, tap Recover, then tap Recover Photo or Recover Video to move the item to the Camera Roll or, if you use iCloud Photo Library, the All Photos album.

iCloud Photo Library

iCloud Photo Library automatically uploads the photos and videos you take and stores them in full resolution in iCloud. You can access iCloud Photo Library from any device using the same Apple ID.

Use the Photos app on iOS devices and Mac computers to open and edit your photos and videos. Any changes you make are updated on all your devices. See [Edit photos and trim videos](#).

To use iCloud Photo Library, you need iOS 8.1 or later, OS X Yosemite v10.10.3 or later, or iCloud for Windows 5.

Note: If you turn on iCloud Photo Library, you can't use iTunes to sync photos and videos to iPhone.

Turn on iCloud Photo Library. Go to Settings > iCloud > Photos, or Settings > Photos & Camera.

Optimize your storage or keep all your photos and videos in full-resolution on iPhone. If your iCloud storage plan is over 5 GB, Optimize iPhone Storage is on by default. It manages space on your iPhone by automatically keeping your full-resolution photos and videos in iCloud and lightweight versions on your iPhone, as needed. To keep the full-resolution originals on your iPhone, go to Settings > iCloud > Photos, then tap Download and Keep Originals. Your originals are always stored in iCloud.

Download a full-resolution photo or video. If you're not storing original versions on iPhone, pinch to zoom in to 100%, or tap Edit.

Note: To upload photos and videos to iCloud Photo Library, iPhone must be connected to Wi-Fi. Using a cellular connection, you can download up to 100 MB at a time.

If your uploaded photos and videos exceed your storage plan, you can upgrade your iCloud storage. Go to Settings > iCloud > Storage > Change Storage Plan to learn about the available options.

My Photo Stream

My Photo Stream automatically uploads your most recent photos to iCloud, so you can import them to devices that aren't using iCloud Photo Library. (My Photo Stream does not upload Live Photos or videos.)



Photos in My Photo Stream do not count against your iCloud storage, and are kept for 30 days in iCloud (up to 1000 photos).

Turn My Photo Stream on or off. Go to Settings > iCloud > Photos, or Settings > Photos & Camera.

Use My Photo Stream without iCloud Photo Library. Photos you take with iPhone are added to the My Photo Stream album when you leave the Camera app and iPhone is connected to Wi-Fi. Any photos you add—including screenshots and photos saved from email, for example—also appear in your My Photo Stream album.

Photos added to My Photo Stream on your other devices appear in your My Photo Stream album on iPhone. iOS devices can keep up to 1000 of your most recent photos in iCloud for 30 days; download photos to your computer or iOS device if you want to keep them permanently. For more information, see support.apple.com/HT201317.

Manage My Photo Stream contents. In the My Photo Stream album, tap Select.

- *Save your best shots on iPhone:* Select the photos, then tap Add To.
- *Share, print, or copy:* Select the photos, then tap .
- *Delete photos:* Select the photos, then tap .

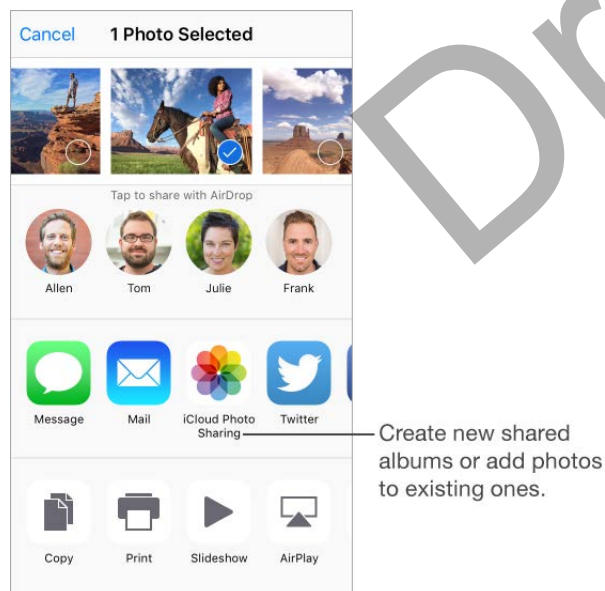
Note: Although deleted photos are removed from My Photo Stream on all your devices, the original photos remain in Photos on the device on which they were originally taken. Photos that you save to another album on a device or computer are also not deleted. See support.apple.com/HT201317.

Use My Photo Stream with iCloud Photo Library. If you use iCloud Photo Library on iPhone, you can use My Photo Stream to upload recent photos and videos and view them on other devices that do not have iCloud Photo Library enabled.


iCloud Photo Sharing

With iCloud Photo Sharing, you can create albums of photos and videos to share, and subscribe to other people’s shared albums. You can invite others using iCloud Photo Sharing (iOS 6 or later or OS X Mountain Lion or later) to view your albums, and they can leave comments if they wish. If they’re using iOS 7 or OS X Mavericks or later, they can add their own photos and videos. You can also publish your album to a website for anyone to view. iCloud Photo Sharing works with or without iCloud Photo Library and My Photo Stream.


Note: To use iCloud Photo Sharing, iPhone must be connected to the Internet. iCloud Photo Sharing works over both Wi-Fi and cellular networks. Cellular data charges may apply. See [Usage information](#).




Turn on iCloud Photo Sharing. Go to Settings > iCloud > Photos. Or go to Settings > Photos & Camera.

Share photos and videos. While viewing a photo or video, or when you’ve selected multiple photos or videos, tap , tap iCloud Photo Sharing, add comments, then share to an existing shared album or create a new one. You can invite people to view your shared album using their email address or the mobile phone number they use for Messages.

Enable a public website. Select the shared album, tap People, then turn on Public Website. Tap Share Link if you want to announce the site.


Add items to a shared album. View a shared album, tap , select items, then tap Done. You can add a comment, then tap Post.

Delete photos from a shared album. Select the shared album, tap Select, select the photos or videos you want to delete, then tap . You must be the owner of the shared album, or the owner of the photo.

Delete comments from a shared album. Select the photo or video that contains the comment. Touch and hold the comment, then tap Delete. You must be the owner of the shared album, or the owner of the comment.

Rename a shared album. Tap Shared, tap Edit, then tap the name and enter a new one.

Add or remove subscribers, or turn Notifications on or off. Select the shared album, then tap People.



Subscribe to a shared album. When you receive an invitation, tap the Shared tab , then tap Accept. You can also accept an invitation in an email.

Add items to a shared album you subscribed to. View the shared album, then tap . Select items, then tap Done. You can add a comment, then tap Post.

See your Family album. When Family Sharing is set up, a shared album called *Family* is automatically created in Photos on all family members' devices. Everyone in the family can contribute photos, videos, and comments to the album, and be notified whenever something new is added. For more information about setting up Family Sharing, see [Family Sharing](#).

Other ways to share photos and videos

You can share photos and videos in Mail or Messages, or through other apps you install.

Share or copy a photo or video. View a photo or video, then tap . If you don't see , tap the screen to show the controls.


Tap More in Sharing to turn on the apps you want to use for sharing.

The size limit of attachments is determined by your service provider. iPhone may compress photo and video attachments, if necessary.

You can also copy a photo or video, then paste it into an email or text message (MMS or iMessage).

Share or copy multiple photos and videos. While viewing by moment, tap Share.

Save or share a photo or video you receive.

- *Email*: Tap to download it if necessary, then touch and hold the item to see sharing and other options.
- *Text message*: Tap the item in the conversation, then tap .






Photos and videos that you receive in messages or save from a webpage are saved to your Photos tab. They can also be viewed in the Camera Roll or, if you're using iCloud Photo Library, the All Photos album.

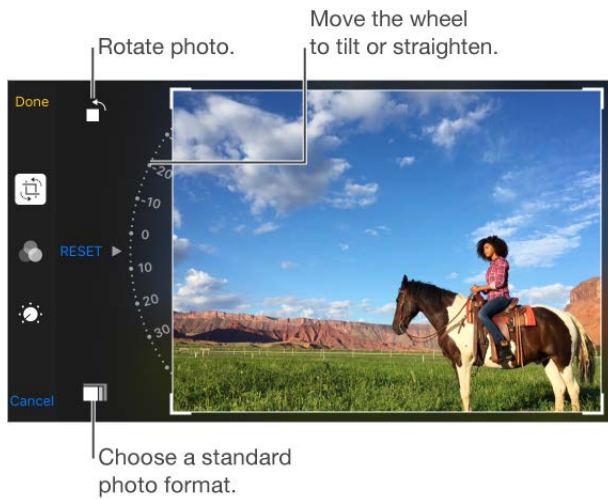
Edit photos and trim videos

You can edit photos right on iPhone. If your photos are stored in iCloud, your edits are updated across all your devices set up with iCloud, and both your original and edited versions are saved. If you delete a photo, it's deleted from all your devices and iCloud. Photo app extensions can provide special editing options. See [App extensions](#).

Note: When you edit a Live Photo, Photos turns it into a still image (except when using auto enhance or the Remove Red-eye tool). To restore the Live Photo, tap the image, tap Edit, then tap Revert. See [Use Live Photos](#).

Edit a photo. View the photo full screen, tap Edit, then tap one of the tools. To edit a photo not taken with iPhone, tap the photo, tap Edit, then tap Duplicate and Edit.

- Auto-enhance  improves a photo's exposure, contrast, saturation, and other qualities.
- With the Remove Red-eye tool , tap each eye that needs correcting.
- Tap , and Photos suggests an optimal crop, but you can drag the corners of the grid tool to set your own crop. Move the wheel to tilt or straighten the photo. Tap Auto to align the photo with the horizon, and tap Reset to undo alignment changes. Tap  to rotate the photo 90 degrees. Tap  to choose a standard crop ratio, such as 2:3 or Square.



- Photo filters let you apply different color effects, such as Mono or Chrome.
- Tap Adjustments to set Light, Color, and B&W (black & white) options. Tap the down arrow, then tap next to Light, Color, or B&W to choose the element you want to adjust. Move the slider to the desired effect.

Compare the edited version to the original. Touch and hold the photo to view the original. Release to see your edits.

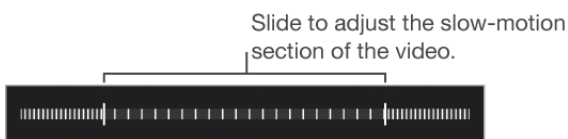
Don't like the results? Tap Cancel, then tap Discard Changes. Tap Done to save changes.

Revert to original. After you edit a photo and save your edits, you can revert to the original image. Tap the image, tap Edit, then tap Revert.

Trim a video. Tap Edit to display the controls, drag either end of the frame viewer, then tap Done. Tap Save as New Clip to save the new video clip in your Videos album.





Set the slow motion section of a video shot in Slo-Mo. (iPhone 5s and later) Use the vertical bars beneath the frame viewer. (See [Shoot some video](#) for information about Slo-Mo.)



Print photos

Print to an AirPrint-enabled printer.

- *Print a single photo:* Tap , then tap Print.
- *Print multiple photos:* While viewing a photo album, tap Select, select the photos, tap , then tap Print.

See [AirPrint](#).

Import photos and videos

With iPhone 5 and later, you can import photos and videos directly from a digital camera, an SD memory card, or another iOS device that has a camera. Use the Lightning to USB Camera Adapter or the Lightning to SD Card Camera Reader (both sold separately).

-
1. Insert the camera adapter or card reader into the Lightning connector on iPhone.
 2. Do one of the following:
 - *Connect a camera:* Use the USB cable that came with the camera to connect the camera to the camera adapter. Turn the camera on, then make sure it's in transfer mode. For more information, see the documentation that came with the camera.
 - *Insert an SD memory card into the card reader:* Don't force the card into the slot on the reader; it fits only one way.
 - *Connect an iOS device:* Use the USB cable that came with the iOS device to connect it to the camera adapter. Turn on and unlock the iOS device.
 3. Unlock iPhone.
 4. The Photos app opens and displays the photos and videos available for importing.
 5. Select the photos and videos to import.
 - *Import all items:* Tap Import All.
 - *Import just some items:* Tap the items you want to import (a checkmark appears for each), tap Import, then tap Import Selected.
 6. After the photos and videos are imported, keep or delete them on the camera, card, or iOS device.
 7. Disconnect the camera adapter or card reader.

A new event in the Last Import album contains all the photos you just imported.

To transfer the photos to your computer, connect iPhone to your computer and import the images with a photo app such as Photos or Adobe Elements.

Photos settings



Settings for Photos are in Settings > Photos & Camera. These include:

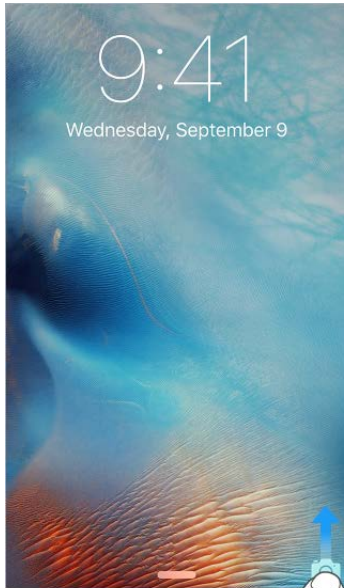
- iCloud Photo Library, My Photo Stream, iCloud Photo Sharing, and Upload Burst Photos
- Photos Tab
- Slideshow
- Camera Grid
- HDR (High Dynamic Range)

Draft

Camera

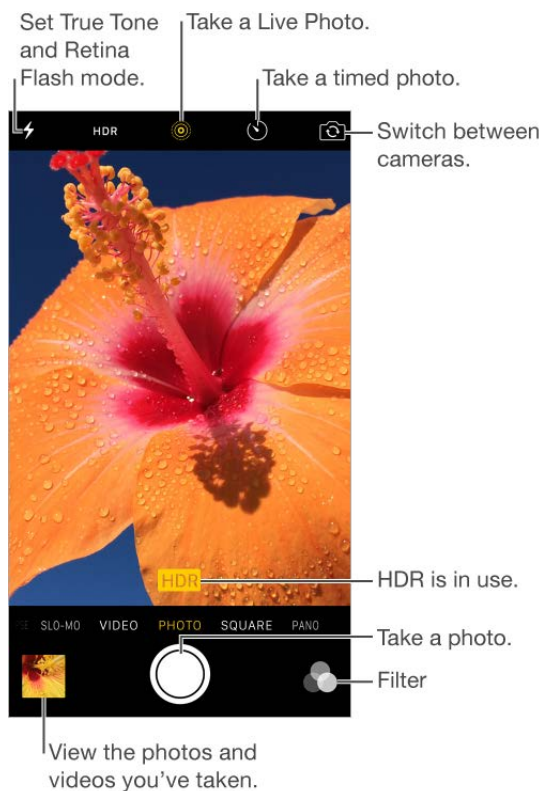
Camera at a glance

Quick! Get the camera! From the Lock screen, just swipe  up. Or swipe up from the bottom edge of the screen to open Control Center, then tap .



With iPhone, you can take still photos, Live Photos, and HD videos. And, there are two cameras—in addition to the iSight camera on the back of iPhone, there's a camera on the front that you can use for FaceTime calls and selfies.

The LED flash provides extra light when you need it—even as a flashlight, just a swipe away in Control Center. See [Control Center](#).






Take photos and videos

Camera offers several photo and video modes, which let you shoot stills, square-format photos, panoramas, time-lapse, videos, and slow-motion videos (iPhone 5s and later).

Choose a mode. Drag the screen left or right, or tap the camera mode labels.

Take a photo. Choose Photo, then tap the Shutter button or press either volume button.

- *Take Burst shots:* (iPhone 5s and later) Touch and hold the Shutter button to take rapid-fire photos in bursts (available while in Square or Photo mode). The shutter sound is different, and the counter shows how many shots you've taken, until you lift your finger. To see the suggested shots and select the photos you want to keep, tap the thumbnail, then tap Select. The gray dot(s) under the thumbnails mark the suggested photos. To copy a photo from the burst as a separate photo in Photos, tap the circle in the lower-right corner of the photo. To delete the burst of photos, tap it, then tap .
- *Apply a filter:* Tap  to apply different color effects, such as Mono or Chrome. To turn off a filter, tap , then tap None. You can also apply a filter later, when you edit the photo. See [Edit photos and trim videos](#).

A rectangle briefly appears where the exposure is set. When you photograph people, face detection balances the exposure across up to 10 faces. A rectangle appears for each face detected.

Note: On iPhone 6, iPhone 6 Plus, and later, you might not always see an automatic exposure rectangle, but the focus and exposure are being set.

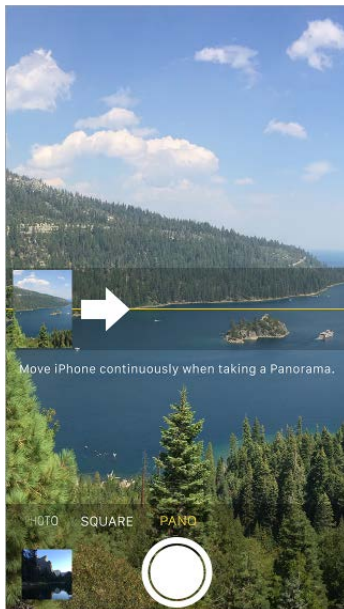
Exposure is automatic, but you can set the exposure manually for the next shot by tapping an object or area on the screen. With an iSight camera, tapping the screen sets the focus and the exposure, and face detection is temporarily turned off. To lock the exposure and focus, touch and hold until the rectangle pulses. The screen indicates when exposure and focus are locked. Take as many photos as you want. When you tap the screen again, exposure and focus unlock, and the automatic settings and face detection turn back on.

Start shooting from the Home screen. On iPhone 6s and iPhone 6s Plus, press the Camera icon, then choose an option.

Adjust the exposure. Tap to see ☀️ next to the exposure rectangle, then slide up or down to adjust the exposure.

Take a selfie with Retina Flash. Use the Retina HD display as a True Tone flash for your selfies (iPhone 6s and iPhone 6s Plus). Turn the flash on, and switch to the FaceTime camera. Tap the Shutter button (the display flashes upon exposure).


Take a panorama photo. (iSight camera) Choose Pano, tap the Shutter button, then pan slowly in the direction of the arrow. To stop the pan, tap the button again. To pan in the other direction, first tap the arrow. To pan vertically, rotate iPhone to landscape orientation. You can reverse the direction of a vertical pan, too.



Capture an experience with time-lapse. (iSight camera) Choose Time-Lapse, set up iPhone where you want, then tap the Record button to start capturing a sunset, a flower opening, or other experiences over a period of time. Tap the Record button again to stop recording. The time-lapse photos are compiled into a short video that you can watch and share.

Note: With iOS 9, time-lapse videos have video stabilization, which minimizes the effect of camera movement during capture.

If Location Services is turned on, photos and videos are tagged with location data that can be used by apps and photo-sharing websites. See [Privacy](#).

Use the capture timer to put yourself in the shot. Avoid “camera shake” or add yourself to a picture by using the capture timer. To include yourself, first stabilize iPhone, then frame your shot. Tap , tap 3s (seconds) or 10s, then tap the Shutter button.

Want to capture what’s displayed on your screen? Simultaneously press and release the Sleep/Wake and Home buttons. The screenshot is added to the Photos tab in Photos and can also be viewed in the Camera Roll album or All Photos album (if you’re using iCloud Photo Library).


Make it better. You can edit photos and trim videos, right on iPhone. See [Edit photos and trim videos](#).

Ask Siri. Say something like:

- “Open Camera”
- “Take a picture”


Use Live Photos



Live Photos (iPhone 6s and iPhone 6s Plus) goes beyond snapshots to capture life the way it happens—in movement and sound.

Turn Live Photos on or off. Live Photos is on by default. Tap  to turn it on or off. (Yellow is on.)

Take a Live Photo. Tap the Shutter button. You record what happens just before and after you take your photo, along with the audio. The screen indicates the duration of the Live Photo exposure.

Play a Live Photo. Tap the thumbnail image of the Live Photo. Touch and hold the Live Photo. On iPhone 6s and iPhone 6s Plus, you can press the Live Photo.

Share a Live Photo. Tap the thumbnail image of the Live Photo, then tap . You can share a Live Photo using iMessage, iCloud Photo Sharing, or AirDrop. A shared Live Photo plays in Photos on any iOS device with iOS 9 or Mac with OS X El Capitan. A Live Photo is sent as a still photo if you share it any other way.

Extract a still image from a Live Photo. Tap the thumbnail image of the Live Photo, tap , tap , then tap Duplicate as Still Photo.

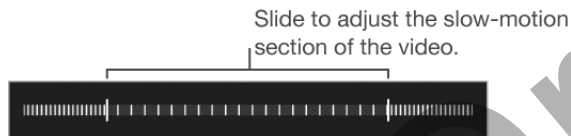
Note: You can also use a Live Photo as the wallpaper on the Lock screen (iPhone 6s and iPhone 6s Plus). See [Change the wallpaper](#).

Shoot some video

Make a video. Choose Video, then tap the Record button, or press either volume button, to start and stop recording. Video records at 30 fps (frames per second). On iPhone 6, iPhone 6 Plus, and later, you can switch it to 60 fps in Settings > Photos & Camera. On iPhone 6s and iPhone 6s Plus, you can also switch to 4K video at 30 fps in Settings > Photos & Camera.

- *Snap a still while recording:* (iPhone 5 and later) Tap the white Shutter button.
- *Take it slow:* (iPhone 5s and later) Choose Slo-Mo to shoot slow motion video. You can set which section to play back in slow motion when you edit the video. On iPhone 6, iPhone 6 Plus, and later, you can choose between 120 fps and 240 fps. Go to Settings > Photos & Camera > Record Slo-mo.

Set the slow-motion section of a video. Tap the thumbnail, then tap Edit. Use the vertical bars beneath the frame viewer to set the section you want to play back in slow motion.



Zoom in or out. (iSight camera) Pinch the image on the screen. For iPhone 5 and later, zoom works in video mode as well as photo mode.

HDR

HDR (High Dynamic Range) helps you get great shots in high-contrast situations. When shooting with the iSight camera, iPhone takes multiple photos in rapid succession, at different exposure settings—and blends them together. The resulting photo has better detail in the bright and midtone areas.

Use HDR. (iSight camera and the FaceTime camera on iPhone 5s and later) Tap the HDR button. For best results, keep iPhone steady and avoid subject motion.

On iPhone 5s and later, you can choose HDR Auto, and iPhone uses HDR when it's most effective.

Keep the normal photo and the HDR version. Go to Settings > Photos & Camera > Keep Normal Photo. Both the normal and HDR versions of the photo appear in Photos. HDR versions of photos in your albums are marked with "HDR" in the corner.

View, share, and print

Photos and videos you take are saved in Photos. With iCloud Photo Library enabled, all new photos and videos are automatically uploaded and available in Photos on all your iOS 8.1 or later devices set up with iCloud Photo Library. See [iCloud Photo Library](#). When iCloud Photo Library is turned off, you can still collect up to 1,000 of your most recent photos in the My Photo Stream album from your devices set up with iCloud. See [My Photo Stream](#).

View your photos. Tap the thumbnail image, then swipe left or right to see the photos you've taken recently. Tap All Photos to see everything in the Photos app.

Tap the screen to show or hide the controls.

Get sharing and printing options. Tap . See [Share from apps](#).

Upload photos and videos. Use iCloud Photo Library to upload photos and videos from your iPhone to iCloud and access them on your iOS 8.1 or later devices signed in to iCloud using the same Apple ID. You can also upload and download your photos and videos from the Photos app on iCloud.com. See [iCloud Photo Library](#).

Camera settings

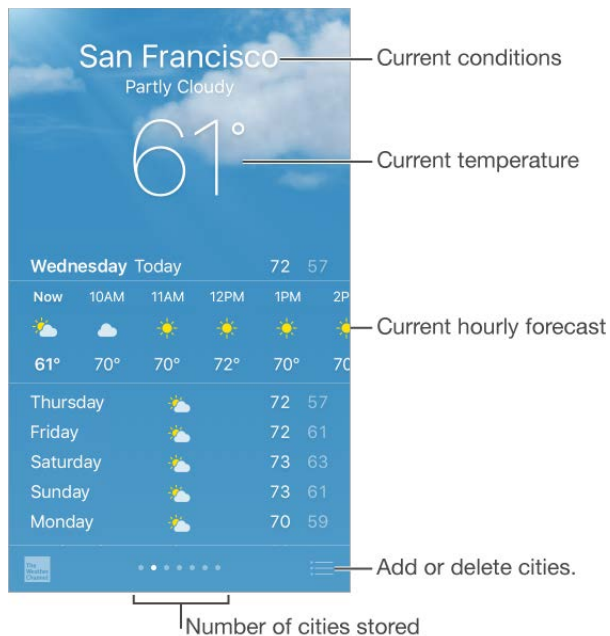
Go to Settings > Photos & Camera for camera options, which include:


- iCloud Photo Library, My Photo Stream, and iCloud Photo Sharing
- Burst photos
- Grid
- HDR
- Video

Adjust the volume of the shutter sound with the Ringer and Alerts settings in Settings > Sounds. Or mute the sound using the Ring/Silent switch. (In some countries, muting is disabled.)


Weather

Get the current temperature and ten-day forecast for one or more cities around the world, with hourly forecasts for the next 12 hours. Weather uses Location Services to get the forecast for your current location.



Swipe up to see your detailed forecast. Swipe left or right to see weather for another city, or tap , then choose a city from the list. The leftmost screen shows your local weather when Location Services is on (Settings > Privacy > Location Services).

Add a city or make other changes. Tap .

- *Add a city:* Tap . Enter a city or zip code, then tap Search.
- *Rearrange the order of cities:* Touch and hold a city, then drag it up or down.
- *Delete a city:* Slide the city to the left, then tap Delete.
- *Choose Fahrenheit or Celsius:* Tap °F or °C.

View the current hourly forecast. Swipe the hourly display left or right.

Ask Siri. Say something like:

- “What’s the weather for today?”
- “How windy is it out there?”
- “When is sunrise in Paris?”

See all cities at once. Pinch the screen or tap .



Preview a city's weather. On iPhone 6s and iPhone 6s Plus, press a city in your list of locations to peek at the weather forecast, then press a little deeper to open it.

Turn local weather on or off. Go to Settings > Privacy > Location Services. See [Privacy](#).

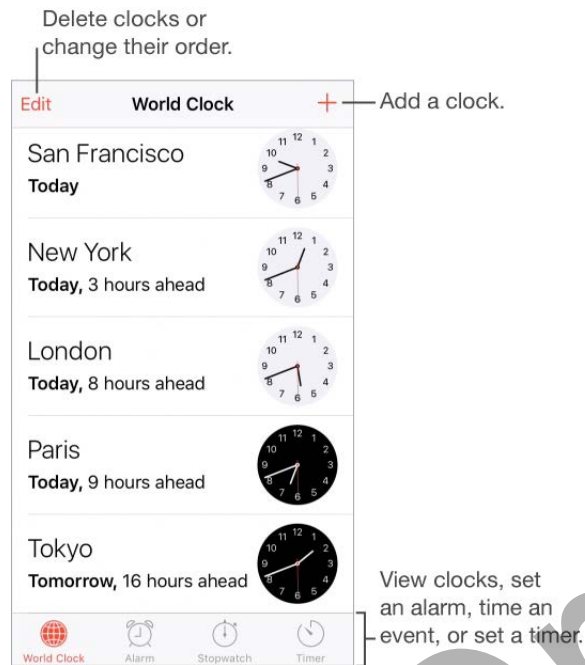
Use iCloud to push your list of cities to your other iOS devices. Go to Settings > iCloud, then make sure iCloud Drive or Documents & Data is on. See [iCloud](#).

Draft

Clock

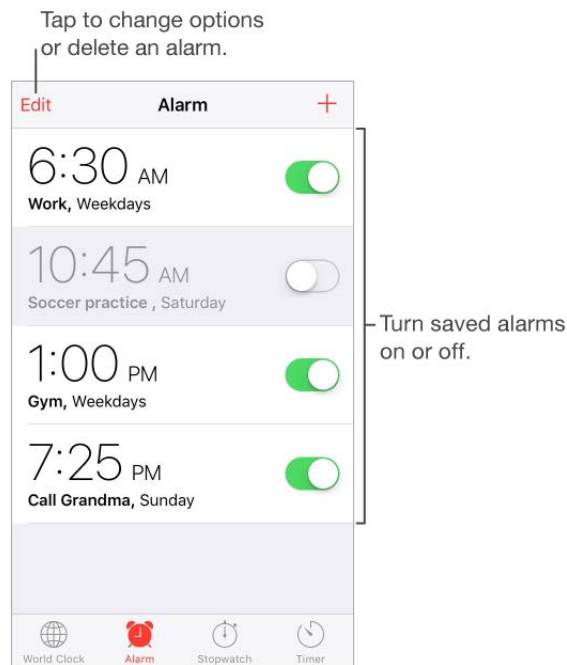
Clock at a glance

The first clock displays the time based on your location when you set up iPhone. Add other clocks to show the time in other major cities and time zones.



Alarms and timers


Want iPhone to wake you? Tap Alarm, then tap +. Set your wake-up time and other options, then give the alarm a name (like “Good morning”).



No wasting time! You can also use the stopwatch to keep time, record lap times, or set a timer to alert you when time’s up.

Set an alarm, timer, or stopwatch from the Home screen. On iPhone 6s and iPhone 6s Plus, press Clock, then select an action.

Want to fall asleep to music or a podcast? Tap Timer, tap When Timer Ends, then choose Stop Playing at the bottom.

Get quick access to clock features. Swipe up from the bottom edge of the screen to open Control Center, then tap . You can access Timer from Control Center even when iPhone is locked. You can also navigate to the other clock features.

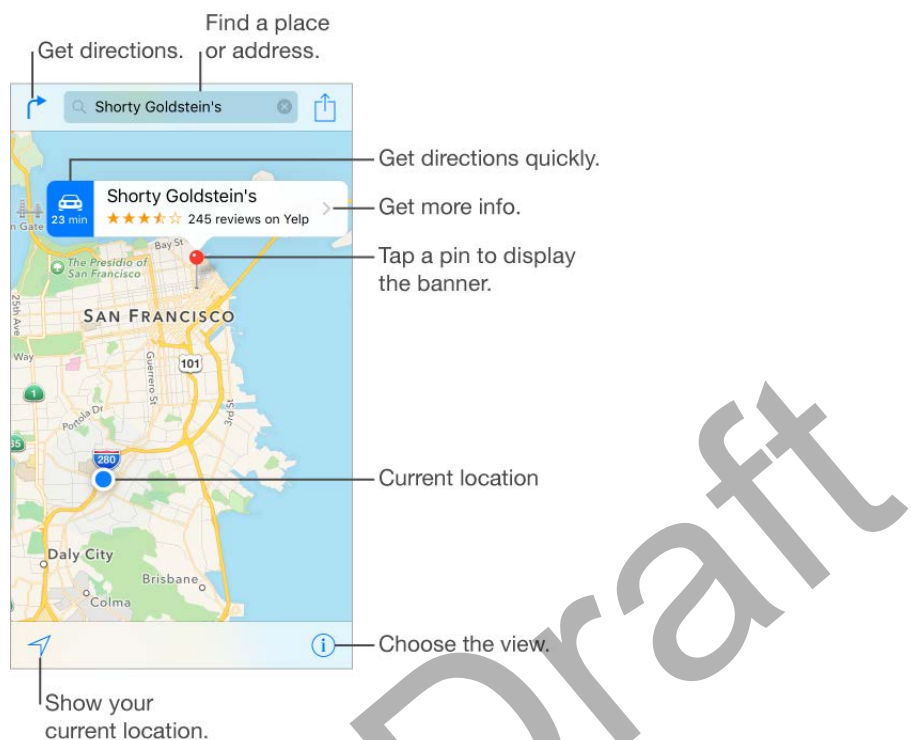
Ask Siri. Say something like:


- “Set the timer for 3 minutes”
- “Wake me up tomorrow at 7 a.m.”
- “What alarms do I have set?”

Maps

Find places

WARNING: For important information about navigation and avoiding distractions that could lead to dangerous situations, see [Important safety information](#).



Move around Maps by dragging the screen. To face a different direction, rotate with two fingers. To return to north, tap the compass  in the upper right. Double-tap the screen to zoom in; tap with two fingers to zoom out. Or, you can pinch and spread to zoom in and out.

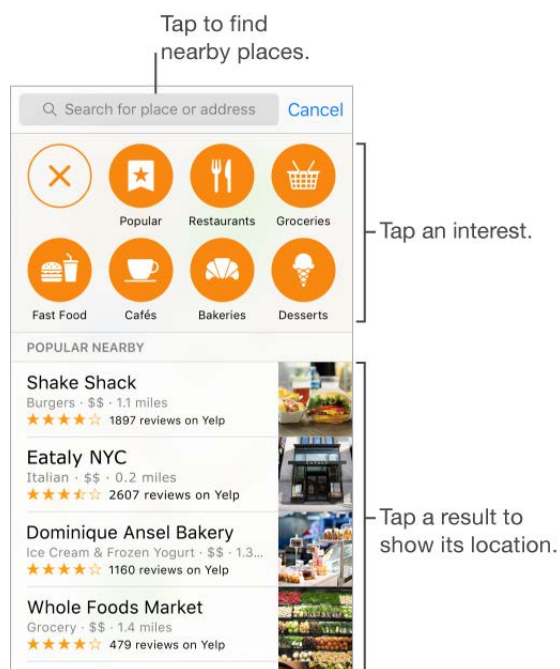
Ask Siri. Say something like:

- "Find coffee near me"
- "Show me the Golden Gate Bridge"

Zoom in or out. Double-tap with one finger to zoom in; tap with two fingers to zoom out—or pinch open or closed. The scale appears in the upper left while zooming and when you continue touching the screen with two fingers. To change how distance is shown (in miles or kilometers), go to Settings > Maps.

Find nearby attractions, services, and more. Tap the search field, then choose an interest.

On iPhone 6s and iPhone 6s Plus, you can find nearby places from the Home screen. Press Maps, tap Search Nearby, then choose an interest.




Search for a location. Tap the search field. You can search for a location in different ways. For example:

- Intersection ("8th and Market")
- Area ("Greenwich Village")
- Landmark ("Guggenheim")
- Zip code
- Business ("movies," "restaurants San Francisco CA," "Apple Inc New York")


Maps may also list recent locations, searches, or directions that you can choose from.

Expand or change the search area. To expand the area, tap with two fingers to zoom out—or pinch closed. To search in a different area, drag the screen to that area, or name the area in the search field.

Find a favorite location. Tap the search field, tap Favorites, then tap Favorites.

If you don't see Favorites, dismiss any directions that might be showing by tapping End, dismiss any route map that might be showing by tapping Clear, and dismiss any list of nearby places by tapping  in the search field or in the list of nearby categories.


Find the location of a contact. Tap the search field, tap Favorites, tap Contacts, then tap the name of a contact.

Choose your view. Tap , then choose Map, Transit, or Satellite.

If transit information is unavailable, tap View Routing Apps to use an app for public or other modes of transportation. (Not available on iPhone 4s.)

Mark a location. Touch and hold the map until a dropped pin appears.


Share a location

Tap a pin or other location (such as a restaurant or museum) to display its banner, tap >, tap , then choose an option such as Mail or AirDrop. See [Share from apps](#).


On iPhone 6s and iPhone 6s Plus, you can press the location, tap Share Location, then choose an option. On iPhone 6s and iPhone 6s Plus, you can also share your current location from the Home screen. Press Maps, tap Send My Location, then choose an option.


Get more info

Get info about a location. Tap a location to display its banner, then tap >. Info might include Yelp reviews, a phone number (tap to call it), a webpage link (tap to open it), and more.

- *Add the location to your Favorites:* Tap .
- *Add the contact information to Contacts:* Tap Create New Contact or Add to Existing Contact.

On iPhone 6s and iPhone 6s Plus, you can press the location, then open the homepage or call the phone number of the location.

Find out about traffic conditions. From the map or satellite view, tap , then tap Show Traffic. Orange dots show slowdowns, and red dots show stop-and-go traffic. To see an incident report, tap a marker.

Help improve Maps. To report an incorrect label, a missing location, or other issue, tap , then tap Report an Issue.

Get directions

Note: To get directions, iPhone must be connected to the Internet. To get directions involving your current location, Location Services must also be on. (See also [Privacy](#).)

Ask Siri. Say something like:

- "Give me directions home"
- "Transit directions to my dad's work"

- “What’s my ETA?”
- “Find a gas station”

Find a route to a location. Tap the location, then tap the icon in the banner. On iPhone 6s and iPhone 6s Plus, you can press the location, then tap Directions.

Directions are from your current location. To get other directions, tap the search field.

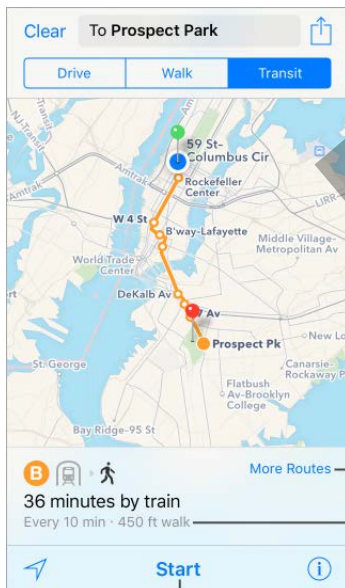
Find a route between any two locations. Tap ↗, enter the starting and ending locations, then tap Route. Or, choose a location or a route from the list, if available.

Find a route from the Home screen. On iPhone 6s and iPhone 6s Plus, press the Maps icon, then tap Directions Home. Or, tap Search Nearby, enter a location, then tap ↗. Directions are from your current location. To get other directions, tap the search field.

Choose an alternate route. If multiple routes appear, tap the one you want to take.

Change the view to show a driving, walking, or transit route. Tap Drive, Walk, or Transit.

In select cities, Maps provides public transportation information and multi-modal routing, from walking to a bus stop or train station to hopping off at your destination.



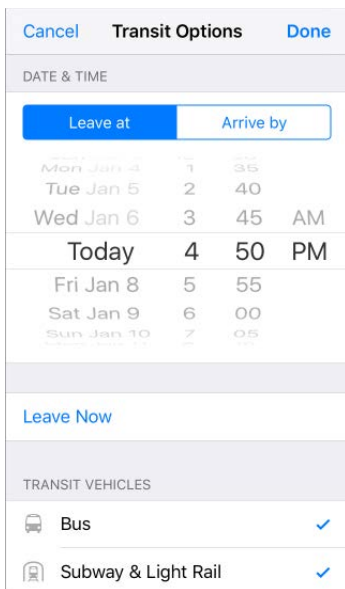
Tap to see additional routes, then tap Options to choose a transit time, date, or vehicle.


Tap to view the directions in a list.

Tap to get turn-by-turn directions.

If transit routes are unavailable in your area, tap View Routing Apps to use an app for other modes of transportation. (On iPhone 4s, tap Apps for other modes of transportation.)


Choose a transit time or date. Find a transit route, tap More Routes (below the map), tap Options, then select a time or date for departure or arrival. You can also swipe up to choose which transit vehicles to consider.



Share a route. Find a route, tap , then choose an option like Mail or AirDrop. See [Share from apps](#).

Hear turn-by-turn directions for a route. Find a route, then tap Start.

Maps follows your progress and speaks turn-by-turn directions to your destination. If iPhone auto-locks, Maps stays onscreen and continues to announce directions.

- *Show or hide the controls:* Tap the screen.
- *See the route overview:* Tap Overview. To return to turn-by-turn directions, tap Resume.
- *View directions as a list:* Tap . To view transit details, tap Details or Stops. To return to turn-by-turn directions, tap Done.
- *Choose a faster route:* If you get an alert that suggests a faster route, tap Go to use that route. Or, ask Siri something like “Take the faster route” or “Don’t change my route.”

Maps may reroute you automatically in case of road closure. Maps may also alert you to heavy traffic, construction, an accident, or other incidents ahead.

Even if you open another app, Maps continues to give you turn-by-turn directions. To return to Maps, tap the banner across the top of the screen. To automatically pause spoken audio (such as a podcast or an audio book) when Maps speaks a turn-by-turn instruction, go to Settings > Maps, then turn on Pause Spoken Audio.


Stop turn-by-turn directions. Tap End.

Ask Siri. Say something like: “Stop navigating.”


Use Maps on your Mac to get directions. Open Maps on your Mac (OS X Mavericks or later), get directions for your trip, then choose File > Share > Send to [your device]. Your Mac and iPhone must both be set up with iCloud to use the same Apple ID.

You can also use Handoff to pick up directions on one device where you left off on another. See [Handoff](#).

Remove pins or routes

Delete a dropped pin. Tap the location to display its banner, tap , then tap Remove Pin.

Delete past routes. Tap the search field, tap Favorites, tap Recents, then tap Clear.



Delete or rename a favorite route or destination. Tap the search field, tap Favorites, tap Favorites again, then tap Edit. To remove the entry from your favorites list, tap . Or, to change the name in your favorites list, tap the name.

Note: If you don't see Favorites, see [Find places](#) for information about finding a favorite location.



3D and Flyover

With 3D and Flyover, you can see three-dimensional views and even fly over many of the world's major cities.




View a 3D map. Tap , then tap 3D Map. Or, drag two fingers up. (Zoom in for a closer look if the 3D map doesn't appear.) For best effect, use the satellite view. Tap , then tap Satellite.

Adjust the angle. Drag two fingers up or down.

Take a 3D tour with Flyover. An aerial tour is available for select cities, indicated by  next to the city name. (Zoom out if you don't see any  markers.) Tap the name of the city to display its banner, then tap Tour to begin the tour.

Aerial tours are also available for selected locations. Tap Flyover Tour in their banners.

To stop the tour, tap the screen to display the controls, then tap End Flyover Tour. To return to standard view, tap , then tap Map.

Maps settings

Go to Settings > Maps, where you can:

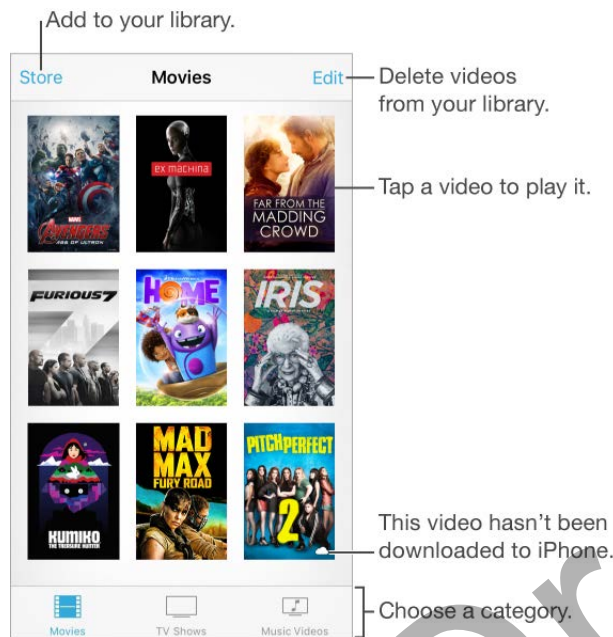
- Change the navigation voice volume, or choose no voice
- Turn Pause Spoken Audio on (so that spoken audio, such as a podcast or an audio book, automatically pauses when Maps speaks a turn-by-turn instruction). This setting is enabled only when the navigation voice volume is set to Normal Volume or Loud Volume.
- Set distances to appear in miles or kilometers
- Choose whether all map labels appear in your regional language (as specified in Settings > General > Language & Region > iPhone Language)

Draft

Videos

Videos at a glance



Open the Videos app to watch movies, TV shows, and music videos. To watch video podcasts, open the Podcasts app—see [Podcasts at a glance](#). To watch videos you record using Camera on iPhone, open the Photos app.



WARNING: For important information about avoiding hearing loss, see [Important safety information](#).

Watch a video. Tap the video in the list of videos.

What about videos you shot with iPhone? Open the Photos app.

Stream or download? If  appears on a video thumbnail, you can watch it without downloading it to iPhone, if you have an Internet connection. To download the video to iPhone so you can watch without using a Wi-Fi or cellular connection, tap  in the video details.

Looking for podcasts or iTunes U videos? Open the Podcasts app or download the free iTunes U app from the App Store.

Set a sleep timer. Open the Clock app and tap Timer, then swipe to set the number of hours and minutes. Tap When Timer Ends and choose Stop Playing, tap Set, then tap Start.



Add videos to your library

Buy or rent videos from the iTunes Store. Tap Store in the Videos app, or open the iTunes Store app on iPhone, then tap Movies or TV Shows. The iTunes Store is not available in all areas. See [iTunes Store at a glance](#).

Transfer videos from your computer. Connect iPhone, then sync videos from iTunes on your computer. See [Sync with iTunes](#).

Stream videos from your computer. Turn on Home Sharing in iTunes on your computer. Then, on iPhone, go to Settings > Videos and enter the Apple ID and password you used for Home Sharing on your computer. Then open Videos on iPhone, and tap Shared at the top of the list of videos.

Convert a video for iPhone. If you try to sync a video from iTunes to iPhone and a message says the video can't play on iPhone, you can convert the video. Select the video in your iTunes library, then choose File > Create New Version > Create iPod or iPhone Version. Then sync the converted video to iPhone.



Delete a video. Tap Edit in the upper right of your collection, then tap  on the video thumbnail. If you don't see the Edit button, look for  on your video thumbnails—those videos haven't been downloaded to iPhone, so you can't delete them. To delete an individual episode of a series, swipe left on the episode in the Episodes list.


Deleting a video (other than a rented movie) from iPhone doesn't delete it from the iTunes library on your computer, and you can sync the video back to iPhone later. If you don't want to sync the video back to iPhone, set iTunes to not sync the video. See [Sync with iTunes](#).



Important: If you delete a rented movie from iPhone, it's deleted permanently and cannot be transferred back to your computer.



Control playback





Scale the video to fill the screen or fit to the screen. Tap  or . Or double-tap the video. If you don't see the scaling controls, your video already fits the screen perfectly.

Start over from the beginning. If the video contains chapters, drag the playhead along the scrubber bar all the way to the left. If there are no chapters, tap .

Skip to the next or previous chapter. Tap  or . You can also press the center button or equivalent on a compatible headset two times (skip to next) or three times (skip to previous).

Rewind or fast-forward. Touch and hold  or . Or drag the playhead left or right. Move your finger toward the bottom of the screen as you drag for finer control.

Select a different audio language. If the video offers other languages, tap , then choose a language from the Audio list.

Show subtitles or closed captions. Tap . Not all videos offer subtitles or closed captions.

Customize the appearance of closed captions. Go to Settings > General > Accessibility > Subtitles & Captioning.

See closed captions and subtitles for the deaf and hard of hearing. Go to Settings > General > Accessibility > Subtitles & Captioning, then turn on Closed Captions + SDH.

Watch the video on a TV. Tap . For more about AirPlay and other ways to connect, see [AirPlay](#).

Videos settings

Go to Settings > Videos, where you can:

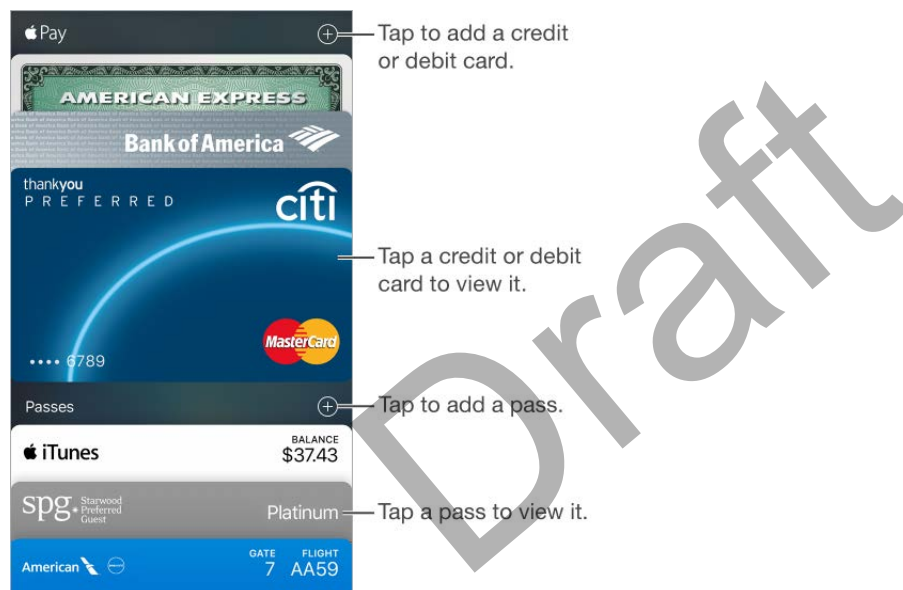
- Choose where to resume playback the next time you open a video
- Choose to show only videos that are downloaded to this device
- Log in to Home Sharing

Wallet

Wallet at a glance

Use Wallet to keep your boarding passes, movie tickets, coupons, rewards cards, and more, all in one place. Scan a pass on iPhone to check in for a flight, get in to a movie, or redeem a coupon. Passes can include useful information, such as the balance on your coffee card, a coupon's expiration date, or your seat number for a concert.

On iPhone 6, iPhone 6 Plus, and later, you can add credit and debit cards (including store credit and debit cards) to Wallet. Use them to make purchases in stores that accept contactless payments, as well as within apps that support Apple Pay (not available in all areas). See [Apple Pay](#).

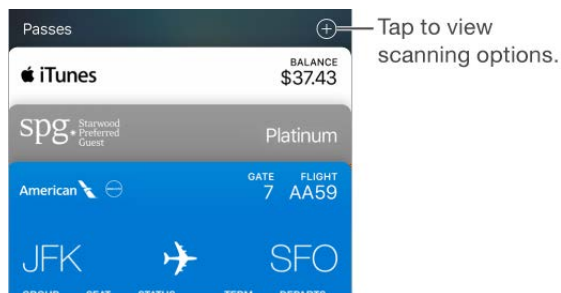


Wallet on the go

Find apps that support Wallet. Tap Find Apps for Wallet on the Welcome pass. Or, on your computer, go to www.appstore.com/walletapps. You can add a pass from an app, an email or a Messages message, or a website when you make a purchase or receive a coupon or gift. Usually, you tap or click the pass or the link to a pass to add it to Wallet. You can also scan codes, which are then downloaded to Wallet, from merchants' ads or receipts.

When using Apple Pay at some locations, you may receive a notification that allows you to easily add a rewards card for that merchant.

Scan a code. If you have no passes in Wallet, tap Scan Code on the Welcome pass. (If you have added a pass, tap ⊕, then tap Scan Code to Add a Pass.) Point your iPhone at the code and frame it to add the pass.



Use a pass. Wallet lets you use passes in a variety of ways. They include:

- If a pass notification appears on the Lock screen, slide up to open Wallet and display the pass.
- If you added a card to use with Apple Pay, double-click the Home button when iPhone is locked to quickly access a relevant pass in Wallet.
- Hold iPhone near the reader to display the appropriate rewards pass at supported stores.
- Open Wallet, then tap a pass.

To pay, present the barcode to the reader. Or, when using supported passes with Apple Pay, place your finger on Touch ID and hold iPhone near the reader.

Share a pass. You can share a pass using Mail, Messages, or AirDrop (iPhone 5 and later). See [Share from apps](#).

Receive and redeem rewards. At supported stores, hold iPhone near the reader to display the appropriate rewards pass. To receive or redeem rewards using Apple Pay, place your finger on Touch ID.

Note: To prevent a rewards pass from being automatically selected when at a supported store, tap the pass, tap ⓘ, then turn off Automatic Selection.

Display a pass based on location. A pass can appear on the Lock screen when you wake iPhone at the right time and place—for example, when you reach the airport for a flight you're taking. Location Services must be turned on in Settings > Privacy > Location Services.

Rearrange passes. Drag a pass in the stack to move it to a new location. The pass order is updated on all your iOS 7 or later devices.

Refresh a pass. Passes are usually updated automatically. To refresh a pass manually, tap the pass, tap ⓘ, then pull the pass downward.

Use iTunes Pass. You can add an iTunes Pass to Wallet, which makes it easy to add money to your Apple ID so you can make purchases from the iTunes Store, App Store, and iBooks Store without using a credit or debit card. To add your iTunes Pass in App Store, tap Featured, scroll to the bottom, tap Redeem, then tap Get Started under iTunes Pass. You can add money to your iTunes Pass at Apple Retail Stores in most countries.

Done with a pass? Tap the pass, tap ⓘ, then tap Delete.

Apple Pay

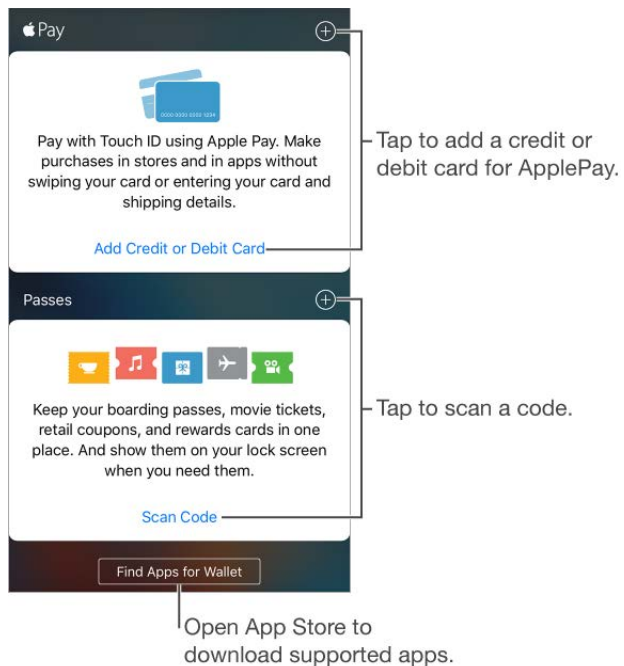
On iPhone 6, iPhone 6 Plus, and later, you can use Apple Pay (not available in all areas). With Apple Pay, you can keep up to eight credit and debit cards available for making contactless payments in stores, and for making payments within apps that support Apple Pay. (Apps supporting Apple Pay sell physical goods and services such as clothing, electronics, health and beauty products, tickets, reservations, and more.)

Credit cards and debit cards, including store credit and debit cards, appear at the top of your Wallet stack, above your passes. The last four or five digits of your card number appear on both the front and the back of a payment card. The front of a card also shows your most recent activity. The back shows the last four or five digits of the Device Account Number—the number transmitted to stores and apps for the purchase—and may also display up to 10 recent authorizations and other Apple Pay activity such as payment refunds. (Apple Pay activity is included on your credit and debit card statements.)

Add a credit or debit card. Next to Apple Pay, tap ⊕, then tap Next on the screen that follows. Then, position iPhone so that your card appears in the frame. Card details are added automatically, but you may be asked for additional information.

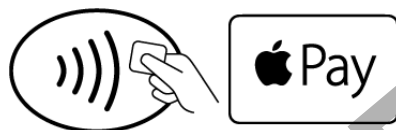
The first time you add a credit or debit card to Wallet, you may be prompted to use the card you use with iTunes (unless it's the card designated for Family Sharing purchases, and you aren't the primary cardholder—see [Family Sharing](#)). Next to Apple Pay, tap ⊕, then tap Next on the screen that follows. You are presented with the last four or five digits of the card on file. Enter the security code for the card, then tap Next.

Note: The card issuer determines if your card is eligible to use with Apple Pay, and may ask you to provide additional information to complete the verification process. Many credit and debit cards can be used with Apple Pay. For information about Apple Pay availability and current card issuers, go to support.apple.com/HT204916.



Set your default card. The first card you add to Wallet becomes your default card for payments. To use a different card as your default, touch and hold the card in Wallet, then drag it to the front of your credit and debit cards in Wallet.

Pay at a contactless card reader. Contactless card readers, marked with the following symbols, are usually located near cash registers.



To pay using your default card, hold iPhone with your finger on Touch ID about an inch (or 2.5 cm) away from the symbol on the reader, until iPhone vibrates. You hear a beep and see the card onscreen with a Done checkmark when the card information has been transmitted to the merchant. Or double-click the Home button and keep your finger lightly on the Home button when iPhone is locked to access Wallet and authorize an upcoming payment. Then hold iPhone near the contactless reader until iPhone vibrates, you see Done, and hear a beep.

When you add a store credit or debit card to Wallet, and set it up for Automatic Selection, it will be used with the associated merchant rather than the default card.

Note: If you have Location Services turned on, the location of your iPhone at the time you make a purchase may be sent to Apple. See [Privacy](#).

Use another card. Hold iPhone near the reader until your default card appears. Tap the card to reveal all your cards in Wallet, tap the card you want to use, then place your finger on Touch ID and hold iPhone near the reader until you feel iPhone vibrate and see

the Done checkmark, indicating that the card information has been transmitted to the merchant. On iPhone 6s and iPhone 6s Plus, you can press the Wallet icon on the Home screen to quickly access your default card.



Pay within an app. Make your selections for goods or services within an app. When checking out, look for the Apple Pay payment option. Tap the Apple Pay button or app checkout button, then review the information that appears (for example, the card you're using for the payment, your email, and the shipping method). Make any changes before using Touch ID or your passcode to complete the payment.

Activity details appear on the front of the credit card used for the purchase. In addition, you may receive a notification with the merchant name, and the amount authorized for the purchase.



Note: The authorized amount may be different from the amount of the payment charged to your account. For example, a gas station may authorize \$99, even though you only pump \$25 worth of gasoline. Always check your credit or debit card statement for the actual charges.

View your recent credit card activity. Tap a credit or debit card. Your most recent activity may appear on the front. Tap ⓘ to view a list of your recent activity on the back of the card.

Suspend and remove cards. You have several options for suspending or removing credit and debit cards. To remove a credit, debit, or store card from Wallet, tap the card, tap ⓘ, then tap Remove Card. To remove an inactive card, tap Remove on the front of the card. If your iPhone is lost or stolen and you have enabled Find My iPhone, you can use it to help you locate and secure your iPhone—including suspending or removing the

ability to make purchases using the cards in Wallet. See [Find My iPhone](#). You can log in to your account at [iCloud.com](#) and remove your cards in Settings > My Devices. You can also call the issuers of your cards.

Wallet & Apple Pay settings

Add and manage credit and debit cards. (iPhone 6, iPhone 6 Plus, and later) To add credit and debit cards (including store-issued credit and debit cards), manage existing cards, change the default payment card, modify the shipping addresses used for Apple Pay purchases, use a different phone number, or change contact information for purchases, go to Settings > Wallet & Apple Pay.

Change billing information. Tap a credit or debit card, tap ⓘ, then tap the billing address to make changes. Tap Enter New Billing Address to add a new one.

Keep passes from appearing on the Lock screen. Go to Settings > Touch ID & Passcode (iPhone 5s and later), then tap Turn Passcode On. Then, under Allow Access When Locked, turn off Wallet. For passes with notifications, to keep a specific pass from appearing on the Lock screen, tap the pass, tap the Info button, then turn off Show On Lock Screen.

For iPhone 4s, iPhone 5, and iPhone 5c, go to Settings > Passcode, tap Turn Passcode On, then turn off Wallet. Pass notifications continue to appear, but you must enter a passcode to view the pass.

Set notification options. Go to Settings > Notifications > Wallet.

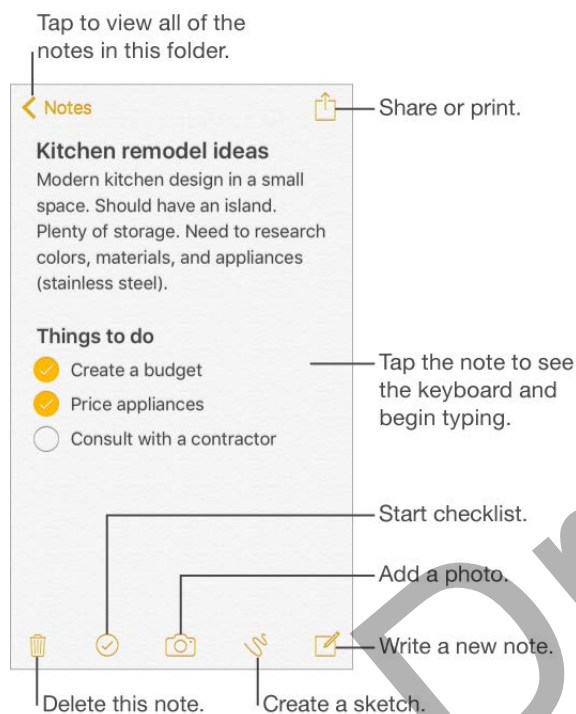
Include passes on your other iOS devices. Go to Settings > iCloud, then turn on Wallet.

Note: This setting applies only to the passes in Wallet, not to the credit and debit cards.

Notes


Notes at a glance

With Notes you can jot down important information, add attachments—like photos, web links, or maps—sketch ideas, and keep things organized. When you create notes in your iCloud account, they're available on your other iOS devices, Mac computers, and iCloud.com.





Set up notes. Go to Settings > iCloud, then turn on Notes. Your iCloud notes appear on all your iOS devices and Mac computers that use the same Apple ID.

Note: If you've been using an earlier version of Notes, you may need to upgrade your iCloud notes to use all the new features—sketching, checklists, paragraph styles, and more. To upgrade, tap the Upgrade button (next to your iCloud notes account in the upper-left corner of Notes). For more information about upgrading notes in your iCloud account, including how it affects using Notes on your other devices, see support.apple.com/HT204987.

Create a new note. Tap , then tap your note to bring up the keyboard. The first line of the note becomes the note's title.

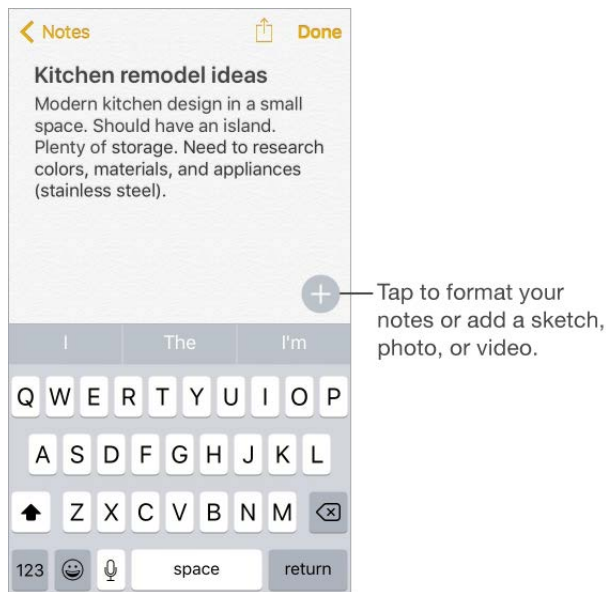
Start a new note from the Home screen. On iPhone 6s and iPhone 6s Plus, press the Notes icon, then choose an action.




Ask Siri. Say something like: "Create a new note."



Add a photo or video to your note. Tap , then tap . Take a new photo or video, or tap Photo Library to select and add existing photos and videos.

Format and edit notes


With upgraded notes, you can create checklists, change paragraph styles, and add attachments.



Start a checklist. Tap a line in your note, tap , then tap . Tap  again to remove the checklist format. Type the task. Tap the empty checklist circle to mark your task complete.

Change the paragraph style of a line. Tap a line in your note, tap , tap , then select the style.

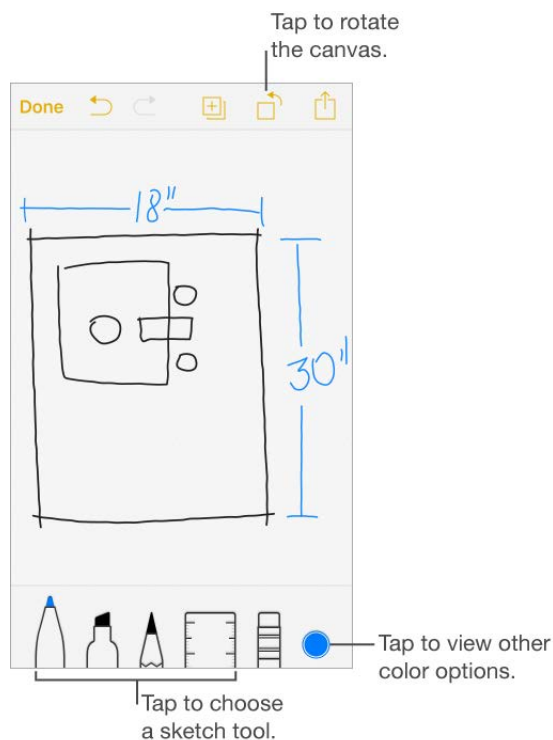
Set a default formatting style for the first paragraph. Go to Settings > Notes, then tap New Notes Start With.


Add an attachment. When you're in another app and find something (like a location in the Maps app or a webpage in Safari) that you want to add to one of your notes, tap Share or , then tap Notes. You can create a new note, or add the attachment to an existing one.

Create a sketch

Sometimes you may want a sketch to help you capture an idea or plan. Start a sketch using the pencil, marker, or pen tool. Switch to the eraser if you make a mistake.

Note: The sketching feature is available with upgraded notes on iPhone 5 and later.



Sketch in your note. Tap , use your finger to sketch, then tap Done. Your sketch appears in your note. Tap the sketch to edit it.

Use different drawing tools. Tap a drawing tool to use it. On iPhone 6s and iPhone 6s Plus, if you press a little deeper as you draw, the pencil and marker leave a darker line, and the pen tool leaves a wider line. Press a little deeper as you erase, and the area you erase increases.

View more color choices. Tap the current color to view a color palette. Swipe the palette left or right to see more colors.

Draw straight lines. Tap the ruler tool to make it appear on your canvas. Draw a line along the edge of the ruler. Tap the ruler tool again to make it disappear.

Move the ruler without changing its angle. Drag the ruler with one finger.


Adjust the angle of the ruler. Touch and hold the ruler with two fingers, then rotate your fingers.

Mask a part of your sketch. Place the ruler along the edge of the area you want to cover, then start your sketch. Draw lines that start away from the ruler's edge, then come toward it.

Hide the toolbar. Swipe the toolbar down to hide it and see just the tool you're using. Tap the tool you're using to see the entire toolbar again.


Zoom in. Pinch open so you can sketch the details—then pinch closed to zoom back out. Drag two fingers to navigate after you've zoomed in.

Scroll through all your sketches in a note. Swipe left or right on a sketch with two fingers.

Add another sketch to your note. Tap  . Or, if you already have multiple sketches, swipe left with two fingers on your last sketch.

Start over. Touch and hold the eraser tool, then tap Erase All.


Organize and share notes

Share or print a note. Tap  at the top of the note. Or, on iPhone 6s and iPhone 6s Plus, you can press a note in the notes list to preview it, swipe up, then tap Share. For more information about sharing, see [Share from apps](#). For more information about printing, see [AirPrint](#).


Search for a note. Scroll to the top of a list of notes to reveal the search field, then tap the field and type what you're looking for. Password protected notes will not appear in the search results.

Sort your notes. Go to Settings > Notes, then choose whether to sort notes by date edited, date created, or title (upgraded notes only).

Preview a note. On iPhone 6s and iPhone 6s Plus, press a note in the notes list to get a peek; press a little deeper to open it.

Delete a note. Tap , or swipe left over the note in the notes list. On iPhone 6s and iPhone 6s Plus, you can press a note in the notes list to see a preview, swipe up, then tap Delete.

Recover deleted notes. Open the Recently Deleted folder. Tap the note you want to keep, tap in the note, then tap Recover (upgraded notes only).

Search for a specific attachment. Tap  in the lower-left corner of the notes list to see sketches, photos, links, documents, and other attachments you've added to your notes. To go to the note with the attachment, touch and hold the thumbnail of the attachment, then tap Go to Note (upgraded notes only).

Note: You will not see attachments from notes that you've password protected.

Create a folder to organize your Notes. Tap New Folder (at the bottom of the Folders list), then name your folder (upgraded notes only).

Move notes from one folder or account to another. Tap Edit in the upper-right corner of the notes list, select the notes you want to move, tap Move, then choose the folder or account. To move all your notes from one folder or account to another, tap Edit in the upper-right corner of the notes list, then tap Move All.

Use notes in multiple accounts

View and edit notes from other accounts (such as Google, Yahoo!, or AOL). Go to Settings > Mail, Contacts, Calendars, then turn on Notes for the account. These notes appear in Notes on all your other iOS devices and Mac computers that are also signed in to that account.

Note: Notes from these accounts can't use many of the features in upgraded notes.

Turn on an On My iPhone account. Go to Settings > Notes, then turn on On My iPhone. Notes in this account appear only on your iPhone.

Choose the default account for new notes you create with Siri. Go to Settings > Notes.

See all folders in an account. Tap < at the top of a list of notes.

Password protect your notes

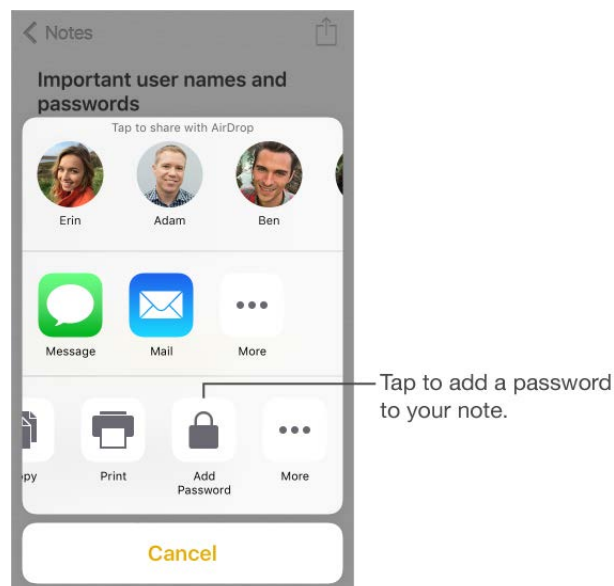
Use a single password or your fingerprint to lock updated notes in your iCloud account or in your "On My iPhone" account.

You can view your password protected notes that are in your iCloud account on your iOS devices with iOS 9.3 or later and Mac computers with OS X 10.11.4.

You can lock notes with images, sketches, maps, and web attachments, but not notes containing other types of attachments like PDFs or iWork documents.

Set a password for your notes. Go to Settings > Notes > Notes Password.

Password protect a note. Tap , then tap Add Password.



Note: When you password protect a note, the first line remains visible.


Set Touch ID to open password protected notes. Go to Settings > Notes > Notes Password, then turn on Use Touch ID (iPhone 5 and later).

Unlock password protected notes. Tap a password protected note, then enter your password.

Note: Unlocking one note unlocks all of your notes until you close Notes or your session times out.

Change your password. Go to Settings > Notes > Notes Password, then tap Change Password.

Forgot your password? Go to Settings > Notes > Notes Password, then tap Reset Notes Password. You can't access your locked notes if you forget your password and haven't turned on Touch ID. However, you can set a new password for any notes you want to password protect going forward. For more information see, (kb article).

Remove password protection on a note. Tap , tap Remove Password, then follow the onscreen instructions.

Import Evernote archives to Notes

Import Evernote archives. Open iCloud Drive, then touch and hold the exported Evernote file (.enex). Tap More, tap Share Item, tap Import to Notes, then follow the onscreen instructions (upgraded Notes only).

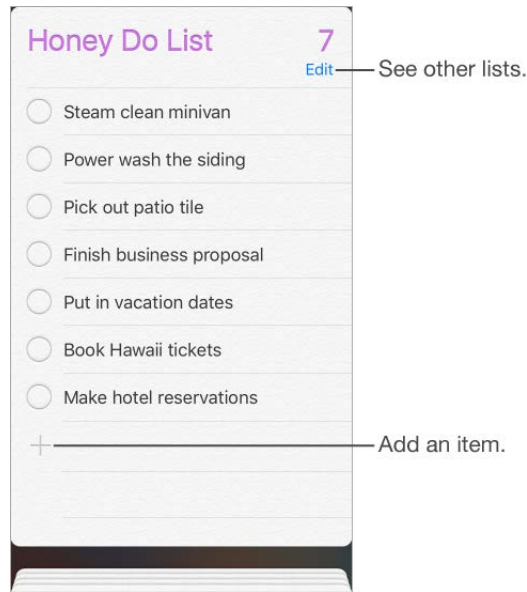
After you import notes, they're put in an "Imported Notes" folder so you can easily find them. You can rename the folder or reorganize the notes as needed.

If you have a Mac, you can use it to import other apps and formats such as text files, and HTML files to Notes in your iCloud account (OS X El Capitan v.10.11.4). For more information, see (kb article).

Reminders

Reminders at a glance

Reminders lets you keep track of all the things you need to do.



Add a reminder. Tap a list, then tap a blank line.

Add a reminder from the Home screen. On iPhone 6s and iPhone 6s Plus, press Reminders, then select an action.

Change reminder options. On iPhone 6s and iPhone 6s Plus, press to access the reminder's options.

Share a list. Tap a list, then tap Edit. Tap Sharing, then tap Add Person. The people you share with also need to be iCloud users. After they accept your invitation to share the list, you'll all be able to add, delete, and mark items as completed. Family members can also share a list. See [Family Sharing](#).

Ask Siri. Say something like:

- "Remember to take an umbrella"
- "Add artichokes to my groceries list"
- "Read my work to-do list"

Delete a list. While viewing a list, tap Edit, then tap Delete List. All of the reminders in the list are also deleted.

Delete a reminder. Swipe the reminder left, then tap Delete.

Change the order of lists. Touch and hold the list name, then drag the list to a new location. To change the order of items in a list, tap Edit.

What list was that in? Scroll to the top to see the search field. All lists are searched by the reminder’s name.

Ask Siri. Say something like: “Find the reminder about milk.”

With OS X Yosemite or later, you can hand off reminders you’re editing between your Mac and iPhone. See [About Continuity features](#).

Scheduled reminders

Scheduled reminders notify you when they’re due.

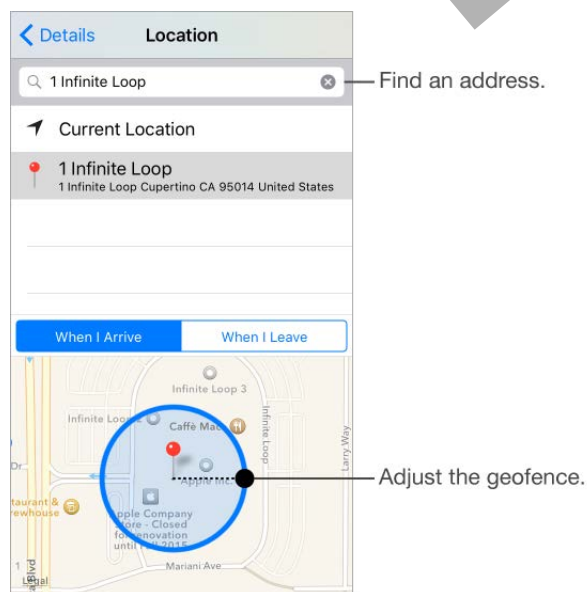


Ask Siri. Say something like: “Remind me to take my medicine at 6 a.m. tomorrow.”

Schedule a reminder. Swipe a reminder to the left, tap More, then turn on “Remind me on a day.” Tap Alarm to set the date and time. Tap Repeat to schedule the reminder for regularly occurring intervals.

Don’t bother me now. You can turn off Reminders notifications in Settings > Notifications. To silence notifications temporarily, turn on Do Not Disturb.

Location reminders



Be reminded when you arrive at or leave a location. Swipe a reminder to the left, tap More, then turn on “Remind me at a location.” Tap Location, then select a location in the list, or enter an address. After you define a location, you can drag to change the size of the geofence on the map, which sets the approximate distance at which you want to be reminded. You can’t save a location reminder in Outlook or Microsoft Exchange accounts.

Ask Siri. Say something like: “Remind me to stop at the grocery store when I leave here.”

Add common locations to your My Info card. When you set a location reminder, locations in the list include addresses from your My Info card in Contacts. Add your work, home, and other favorite addresses to your card for easy access in Reminders.

Reminders settings

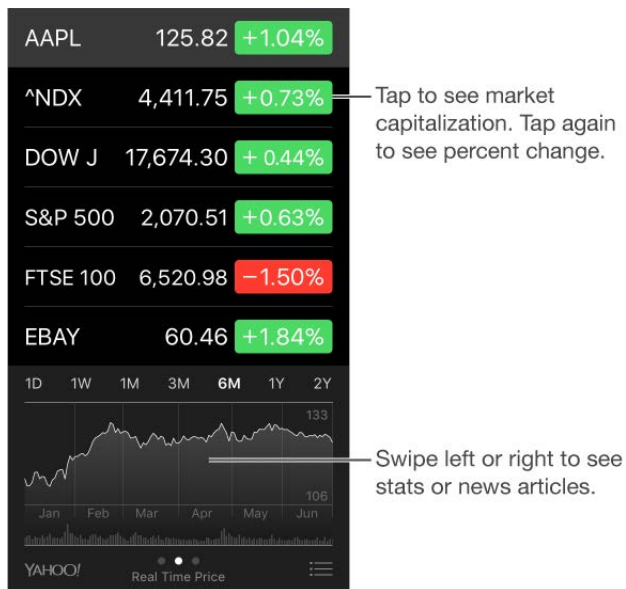
Go to Settings > Reminders, where you can:

- Set a default list for new reminders
- Sync past reminders




Keep your reminders up to date on other devices. Go to Settings > iCloud, then turn on Reminders. To keep up to date with Reminders on OS X, turn on iCloud on your Mac, too. Some other types of accounts, such as Exchange, also support Reminders. Go to Settings > Mail, Contacts, Calendars, then turn on Reminders for the accounts you want to use.

Stocks

Keep track of the major exchanges and your stock portfolio, see the change in value over time, and get news about the companies you’re watching.



Manage your stock list. Tap .

- *Add an item:* Tap . Enter a symbol, company name, fund name, or index, then tap Search.
- *Delete an item:* Tap .
- *Rearrange the order of items:* Drag  up or down.

While viewing stock info, you can tap any of the values along the right side of the screen to switch the display to price change, market capitalization, or percentage change. Swipe the info beneath the stock list to see the summary, chart, or news for the selected stock. Tap a news headline to view the article in Safari.

On iPhone 6 Plus or iPhone 6s Plus, use landscape orientation to see your stock list with news, or with the summary and chart, all at the same time.

You can also see your stocks in the Today tab of Notification Center. See [Notification Center](#).

Note: Quotes may be delayed 20 minutes or more, depending upon the reporting service.

Add a news article to your reading list. Touch and hold the news headline, then tap Add to Reading List. To add all news articles to your reading list, tap Add All to Reading List.

Ask Siri. Say something like:

- “How are the markets going?”
- “How’s Apple stock today?”

Find out more. Tap YAHOO!

View a full-screen chart. Rotate iPhone to landscape orientation. (On iPhone 6 Plus and iPhone 6s Plus, rotate to landscape orientation, then touch the chart to expand it to full-screen view.) Swipe left or right to see your other stock charts.

- *See the value for a specific date or time:* Touch the chart with one finger.



- *See the difference in value over time:* Touch the chart with two fingers.

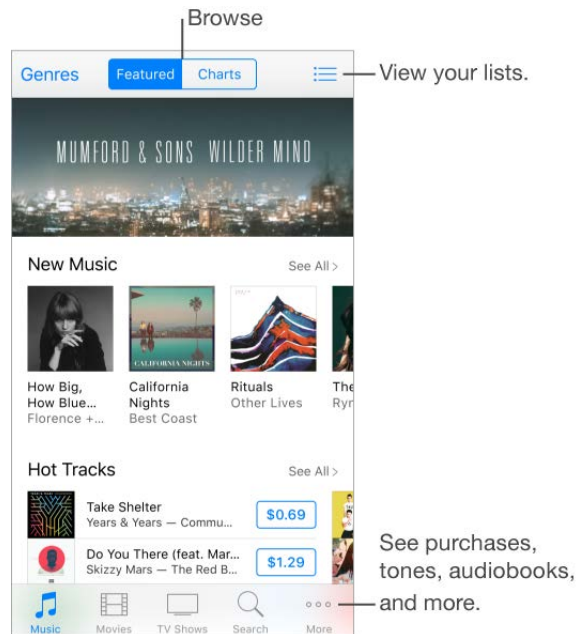


Use iCloud to keep your stock list up to date on your iOS devices. Go to Settings > iCloud, then turn on iCloud Drive or Documents & Data. See [iCloud](#).

iTunes Store

iTunes Store at a glance

Use the iTunes Store to add music, movies, TV shows, and more to iPhone.



Note: You need an Internet connection and an Apple ID to use the iTunes Store. The iTunes Store is not available in all areas.

Browse or search


Browse by category or genre. Tap one of the categories (Music, Movies, or TV Shows). Tap Genres to refine the list.


Ask Siri. Say something like:

- "Get a new ringtone"
- "Purchase *song name* by *band name*"
- "Redeem an iTunes Store gift card"



If you know what you're looking for, tap Search. You can tap a search term that's trending among other iTunes users, or enter info in the search field, then tap Search again.

Access family members' purchases. With Family Sharing turned on, you can view and download songs, TV shows, and movies purchased by other family members. Tap Purchased, tap your name or My Purchases, then select a family member from the menu.

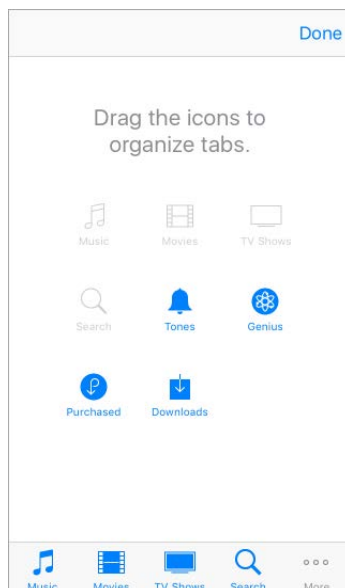
Ask Siri to tag it. When you hear music playing around you, ask Siri “What song is playing?” Siri tells you what the song is and gives you an easy way to purchase it. It also saves it to the Siri tab in the iTunes Store so you can buy it later. Tap Music, tap , then tap the Siri tab to see a list of tagged songs available for preview or purchase.

Discover great new music. When you listen to Radio, songs you play appear in the Radio tab in the iTunes Store, where you can preview or purchase them. Tap Music, tap , then tap Radio.


Preview a song or video. Tap it.

Add to your Wish List. When you hear something you hope to buy from the iTunes Store, tap , then tap Add to Wish List. To view your Wish List, tap , then tap Wish List.

Pick your favorite buttons. Tap More, then tap Edit. To rearrange buttons, drag them. To replace a button, drag a button icon over the one you want to replace. Tap Done.



Purchase, rent, or redeem


Tap an item's price (or tap Free), then tap again to buy it. If you see  instead of a price, you've already purchased the item and you can download it again without a charge.

Approve purchases with Family Sharing. With Family Sharing set up, the family organizer can review and approve purchases made by family members under a certain age. For more information, see [Family Sharing](#).

Hide individual purchases. Using iTunes on a computer, family members can hide any of their purchases so other family members can't view or download them. For more information, see [Family Sharing](#).

Use a gift card or code. Tap a category (for example, Music), scroll to the bottom, then tap Redeem.

Use iTunes Pass. You can add an iTunes Pass to Wallet, which makes it easy to add money to your Apple ID so you can make purchases from the iTunes Store, App Store, and iBooks Store without using a credit or debit card. To add your iTunes Pass in iTunes Store, tap a category, scroll to the bottom, tap Redeem, then tap Get Started under iTunes Pass. You can add money to your iTunes Pass at Apple Retail Stores in most countries.

Send a gift. View the item you want to give, tap , then tap Gift. Or tap one of the categories (Music, Movies, or TV Shows), scroll to the bottom, then tap Send Gift to send an iTunes gift certificate to someone.

See the progress of a download. Tap More, then tap Downloads.

Bought something on another device? Go to Settings > iTunes & App Store to set up automatic downloads on your iPhone. You can always view your purchased music, movies, and TV shows in the iTunes Store (tap More, then tap Purchased).

Watch your time with rentals. In some areas, you can rent movies. You have 30 days to begin watching a rented movie. After you start watching it, you can play it as many times as you want in the allotted time (24 hours in the U.S. iTunes Store; 48 hours in other countries). Once your time's up, the movie is deleted. Rentals can't be transferred to another device; however, you can use AirPlay and Apple TV to view a rental on your television.

iTunes Store settings

To set options for the iTunes Store, go to Settings > iTunes & App Store.

View or edit your account. Tap your Apple ID, then tap View Apple ID. To change your password, tap the Apple ID field, then tap Password.

Sign in using a different Apple ID. Tap your account name, then tap Sign Out. You can then enter a different Apple ID.

Subscribe to or turn on iTunes Match. You can subscribe to iTunes Match, a service that stores your music and more in iCloud. See [iTunes Match](#). If you're a subscriber, turn on iTunes Match so you can access your music on iPhone anywhere.

Turn on automatic downloads. Tap Music, Books, or Updates. Content updates automatically over Wi-Fi, unless you turn off the option in Automatic Downloads.

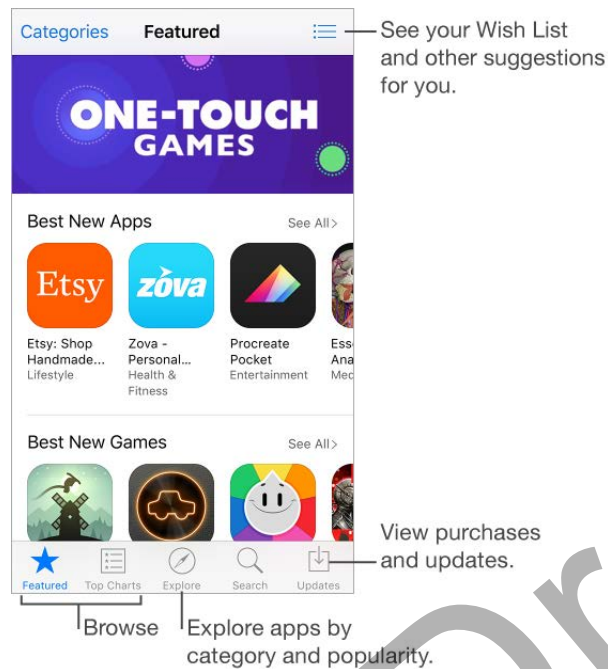
Download purchases over the cellular network. Downloading purchases, using iTunes Match, or listening to Apple Music over the cellular network may incur carrier charges.

Draft

App Store

App Store at a glance

Use the App Store to browse, purchase, and download apps to iPhone. Your apps update automatically over Wi-Fi (unless you turn off this feature), so you can keep up with the latest improvements and features.



Note: You need an Internet connection and an Apple ID to use the App Store. The App Store is not available in all areas.

Find apps


Ask Siri. Say something like:


- “Find apps by Apple”
- “Purchase *app name*”
- “Redeem an App Store gift card”

If you know what you’re looking for, tap Search. Or tap Categories to browse by type of app.

Access family members’ apps. With Family Sharing turned on, you can view and download apps purchased by other family members. Tap Purchased, tap your name or My Purchases, then select a family member from the menu. For more information, see

Family Sharing.

Tell a friend about an app. Find the app, tap , then choose the method. See [Share from apps](#).

Use Wish List. To track an app you might want to purchase later, tap  on the app page, then tap Add to Wish List.


Search apps by category. Tap Explore, scroll to Categories, then tap a category to focus on the apps you want, for example, Education, Medical, or Sports.

What apps are being used nearby? Tap Explore to find out the most popular apps others around you are using (Location Services must be on in Settings > Privacy > Location Services). Try this at a museum, sporting event, or when you're traveling.

Remove an app. For information about removing individual apps, see [Remove apps](#). For information about erasing all of your apps, data, and settings, see [Reset iPhone](#).

Purchase, redeem, and download


Tap the app's price, then tap Buy to purchase it. If it's free, tap Free, then tap Install.

If you see  instead of a price, you've already purchased the app and you can download it again, free of charge. While the app is downloading or updating, its icon appears on the Home screen with a progress indicator.

Approve purchases with Family Sharing. With Family Sharing set up, the family organizer can review and approve purchases made by other family members under a certain age. For more information, see [Family Sharing](#).

Hide individual purchases. Using iTunes on a computer, family members can hide any of their purchases so other family members can't view or download them. For more information, see [Family Sharing](#).

Use a gift card or code. Tap Featured, scroll to the bottom, then tap Redeem.

Send a gift. View the item you want to give, tap , then tap Gift. Or tap Featured, scroll to the bottom, then tap Send Gift to send an iTunes gift certificate to someone.

Restrict in-app purchases. Many apps provide extra content or enhancements for a fee. To limit purchases that can be made from within an app, go to Settings > General > Restrictions (make sure Restrictions is enabled), then set options (for example, restrict by age rating or require a password immediately or every 15 minutes). You can turn off In-App Purchases to prevent all purchases. See [Restrictions](#).

Use iTunes Pass. You can add an iTunes Pass to Wallet, which makes it easy to add money to your Apple ID so you can make purchases from the iTunes Store, App Store, and iBooks Store without using a credit or debit card. To add your iTunes Pass in App Store, tap Featured, scroll to the bottom, tap Redeem, then tap Get Started under iTunes Pass. You can add money to your iTunes Pass at Apple Retail Stores in most countries.

App Store settings

To set options for the App Store, go to Settings > iTunes & App Store.

View or edit your account. Tap your Apple ID, then tap View Apple ID. To change your password, tap the Apple ID field, then tap Password.

Sign in using a different Apple ID. Tap your account name, then tap Sign Out. Then enter the other Apple ID.

Turn off automatic downloads. Unless you select this option, apps, books, and music you purchase on other devices are automatically downloaded, and apps update automatically over Wi-Fi.

Download using the cellular network. Turn on Use Cellular Data. Downloading apps, listening to Apple Music, and using iTunes Match over the cellular network may incur carrier charges.

Suggested Apps. Turn on Installed Apps to show suggested apps that are already installed. App suggestions are based on your current location and appear on the Lock screen and in the app switcher.

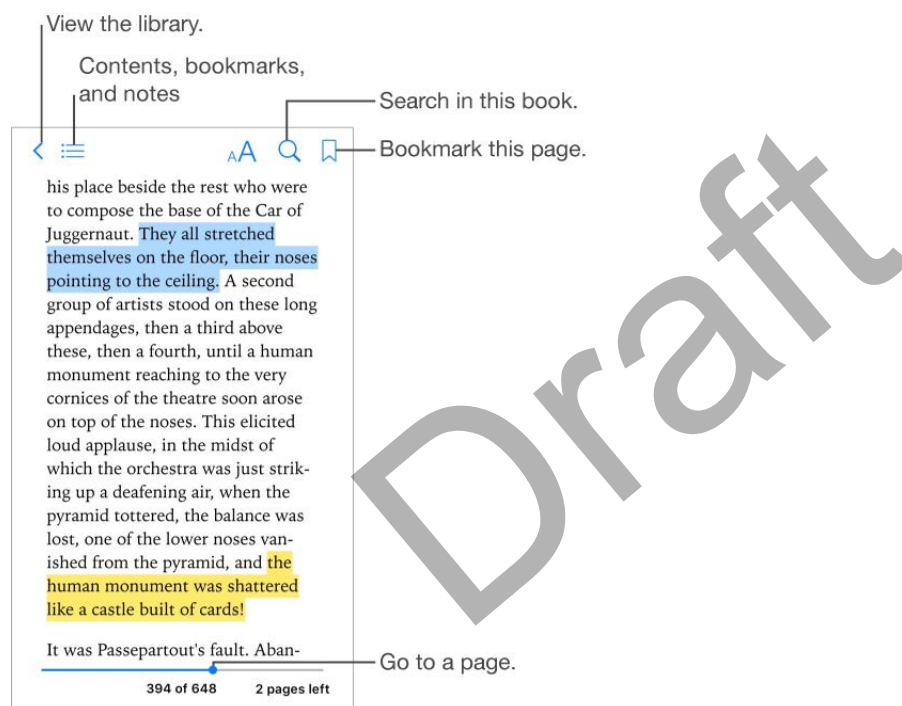
iBooks

Get books

Get books from the iBooks Store. In iBooks, use the buttons at the bottom of the screen to access the iBooks Store. Tap Featured to browse the latest releases, or Top Charts to view the most popular. To find a specific book, tap Search.

Ask Siri. Say something like: "Find books by *author name*."

Read a book



Open a book. Tap the book you want to read. If you don't see it on the bookshelf, swipe left or right to see other collections.


Open a book from the Home screen. On iPhone 6s and iPhone 6s Plus, press the iBooks icon to see a menu of your recently-accessed books.

Show the controls. Tap near the center of a page. Not all books have the same controls, but some of the things you can do include searching, viewing the table of contents, and sharing what you're reading.



Close a book. Tap Library, or pinch the page.


Enlarge an image. Tap, or with some books double-tap, the image.


Read by columns. In books that support it, double-tap a column of text to zoom in, then swipe up or to the left to move to the next column.

Go to a specific page. Use the page navigation controls at the bottom of the screen. Or tap  and enter a page number, then tap the page number in the search results.


Get a definition. Double-tap a word, then tap Define in the menu that appears. Definitions aren't available for all languages.

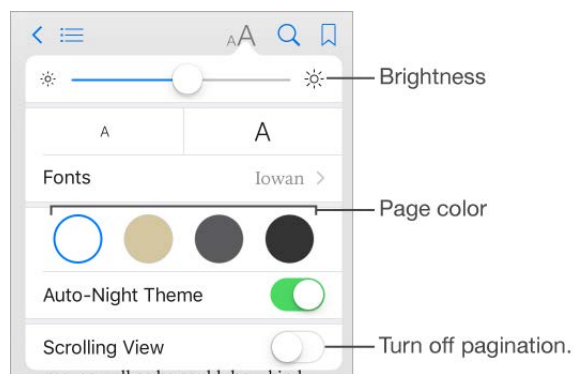
Remember your place. Tap  to add a bookmark, or tap again to remove it. You can have multiple bookmarks—to see them all, tap , then tap Bookmarks. You don't need to add a bookmark when you close the book because iBooks remembers where you left off.



Remember the good parts. Some books let you add highlights and notes. To add a highlight, touch and hold a word, then move your finger to draw the highlight. To add a note, double-tap a word to select it, move the grab points to adjust the selection, then tap Note in the menu that appears. To see all the highlights and notes you've made, tap , then tap Notes.

Share the good parts. Tap some highlighted text, then, in the menu that appears, tap . If the book is from the iBooks Store, a link to the book is included automatically. (Sharing may not be available in all regions.)

Share a link to a book. Tap near the center of a page to display the controls, tap , then tap .

Change the way a book looks. Some books let you change the font, font size, and color of the page. (Tap ) You can also change justification and hyphenation in Settings > iBooks. These settings apply to all books that support them.



Change the brightness. Tap . If you don't see , tap  first.


Dim the screen when it's dark. Turn on Auto-Night Theme to automatically change the bookshelf, page color, and brightness when using iBooks in low-light conditions. (Not all books support Auto-Night Theme.)

Interact with multimedia

Some books have interactive elements, such as movies, diagrams, presentations, galleries, and 3D objects. To interact with a multimedia object, tap, swipe, or pinch it. To view an element full-screen, pinch open with two fingers. When you finish, pinch it closed.

Study notes and glossary terms


In books that support it, you can review all of your highlights and notes as study cards.

See all your notes. Tap . You can search your notes, or tap a chapter to see notes you made in that chapter.

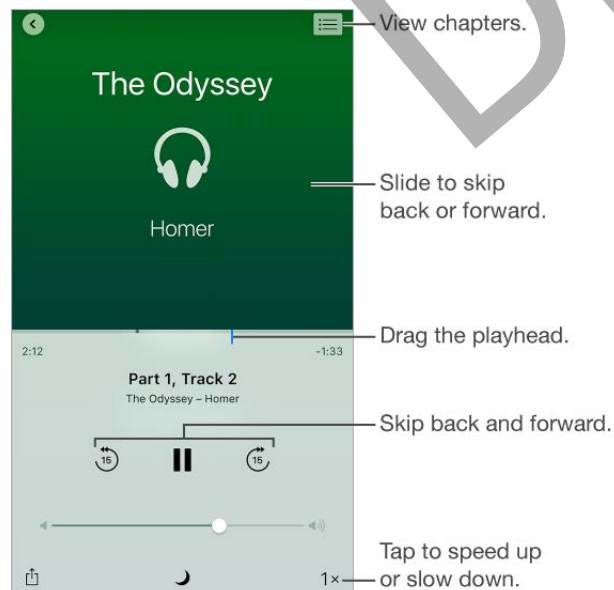
Delete notes. Tap Select, select some notes, then tap .


Review your notes as study cards. Tap Study Cards. Swipe to move between cards. Tap Flip Card to see its back.

Shuffle your study cards. Tap , then turn on Shuffle.

Study glossary terms. If a book includes a glossary, tap  to include those words in your study cards.


Listen to an audiobook




Open an audiobook. Audiobooks are identified by a  on the cover. Tap the book you want to listen to. If you don't see it in the library, swipe left or right to view other collections.

Skip farther forward or back. Touch and hold the arrows, or slide and hold the cover. To change the number of seconds that skipping moves, go to Settings > iBooks.

Speed it up, or slow it down. Tap the playback speed in the lower-right corner, then choose a different speed. 1x is normal speed, 0.75x is three-quarters speed, and so on.

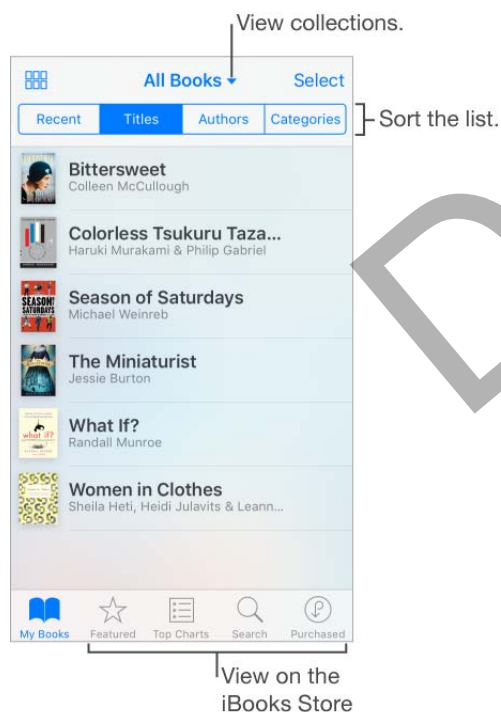
Go to a chapter. Tap , then tap a chapter. Some books don't define chapter markers.

Go to a specific time. Drag the playhead, located underneath the book cover. Where you started listening during this session is marked with a small circle on the timeline. Tap the mark to jump to that spot.

Set a sleep timer. Before starting playback, tap , then choose a duration until the audio automatically stops.

Download a previously purchased audiobook. You can download an audiobook again from the Purchased list in the iBooks Store anytime, free of charge.

Organize books



View books by title or by cover. Tap  or .

How far along am I? On iPhone 6s and iPhone 6s Plus, press a book's cover to view your stats and other info. If it's an audiobook, you'll see the listening time remaining.

View only audiobooks or PDFs. Tap the name of the current collection (at the top of the screen), then choose PDFs or Audiobooks.

Organize your books with collections. Tap Select, then select some books to add them to a collection. To edit or create collections, tap the name of the current collection (at the top of the screen). Some built-in collections, such as PDFs, can't be renamed or deleted.

Rearrange books. While viewing books by cover, touch and hold a cover, then drag it to a new location. While viewing books by title, sort the list using the buttons at the top of the screen. The All Books collection is automatically arranged for you; switch to another collection if you want to manually arrange your books.

Search for a book. Pull down to reveal the Search field at the top of the screen. Searching looks for the title and the author's name.

Hide purchased books you haven't downloaded. Tap the name of the current collection (at the top of the screen), then turn on Hide iCloud Books.

Read PDFs

Sync a PDF. On a Mac, add the PDF to iBooks for OS X, open iTunes, select the PDF, then sync. In iTunes on your Windows computer, choose File > Add to Library, select the PDF, then sync. See iTunes Help for more info about syncing.

Add a PDF email attachment to iBooks. Open the email message, then touch and hold its PDF attachment. Choose Open in iBooks from the menu that appears.

Print a PDF. With the PDF open, tap , then choose Print (you need an AirPrint-compatible printer). For more about AirPrint, see [AirPrint](#).

Email a PDF. With the PDF open, tap , then choose Email.

iBooks settings

Restrict access to books and audiobooks with explicit content. Go to Settings > General > Restrictions then select an option for Books.

Go to Settings > iBooks, where you can:

- Sync collections and bookmarks (including notes and current page information) with your other devices.
- Display online content within a book. Some books might access video or audio that's stored on the web.
- Change the direction pages turn when you tap in the left margin.

News

News at a glance

News collects all the stories you want to read, from your favorite sources, based on the topics that interest you most. You can also explore recommended channels, search for specific channels or topics, and save and share your favorite stories.

Note: You need a Wi-Fi or cellular connection to use News. News is not available in all areas.

Get started with News

The first time you open News, you can personalize it based on your interests.

Add channels and topics. Open News, then add your preferred channels (or publications) and topics to your favorites. To see more channels and topics, swipe up. The stories that appear in your For You feed (your list of stories) are influenced by your choices.

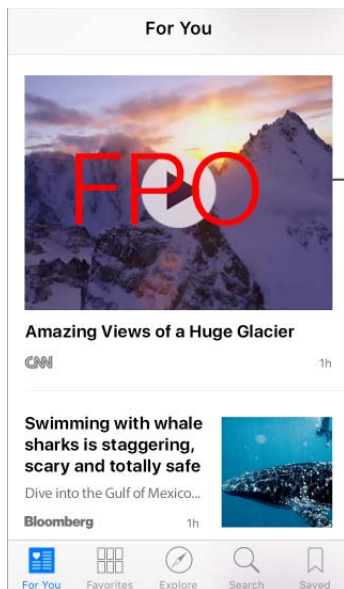
Seek out additional channels and topics. Tap Explore to browse suggested channels and topics. Or browse a topic such as Travel, Arts, or Sports by tapping it. To add a channel or topic to your favorites, tap ⊕.

Mute channels. To prevent a channel's stories from appearing in your For You feed or topic feeds, swipe right on a story from the channel, then tap Mute Channel. To see content from that channel again, tap the channel in Favorites, then tap Don't Mute near the top of the screen.

To remove a channel that isn't a favorite (it appears in Top Stories on the For You screen, for example), tap Search, search for the channel, tap the channel in the search results, then tap Don't Mute near the top of the screen.

For You

For You presents the best stories from the channels and topics you added to Favorites, as well as Top Stories—Apple-curated stories that appear at the top of the For You feed.



Tap to read the story.

Get newer stories. Pull down to refresh the For You feed, then tap “New Stories Added” at the top of the screen to view recently added stories.

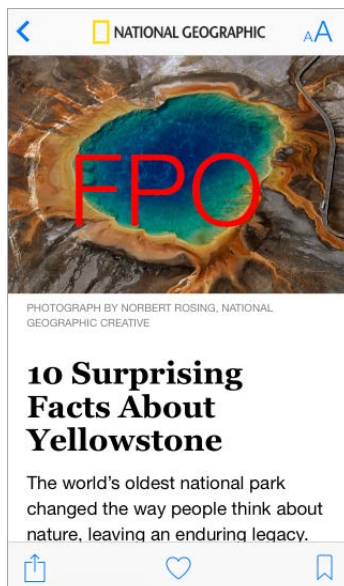
Quickly like, save, or share a story. Swipe left on the story, then choose Like, Save, or Share.

Quickly dislike a story, mute a channel, or report a story. Swipe right on a story, then choose Dislike, Mute Channel, or Report.

Note: To remove a dislike, swipe right on the disliked story, then tap Remove Dislike.

Access stories from the Home screen. On iPhone 6s and iPhone 6s Plus, press News, then select an action.

Read stories





Peek at stories with a press. On iPhone 6s and iPhone 6s Plus, press a story to take a peek at it. Swipe up to see options such as Like, Save, Share Story, and Mute Channel. Press deeper to pop open the story.


Read a story. Tap a story to read it. Web stories delivered through an RSS feed show a preview. To view a story in full, swipe up. To always view the full story, go to Settings > News, then turn off Show Story Previews.

Get a broader view. Turn iPhone to landscape orientation.


Read the next story. Swipe left to read the next story, swipe right to read the previous story. Swipe from the left edge to return to the story feed.


Play a video without opening a story. Tap  to play videos in your feed.

Tell News what you do and don't like. When viewing a story, tap  to like the story. Tap  again to dislike the story. News takes your feedback into account for future recommendations.

Change the text size. Tap , then tap the smaller or larger letter to change the size.

Note: This option is not available for all stories and resizing applies only to the story you're currently reading.

Share stories. When viewing a story, tap , then choose a sharing method such as Message, Mail, Twitter, or Facebook. To share a story in your feed, swipe left, tap Share, then choose a sharing option.

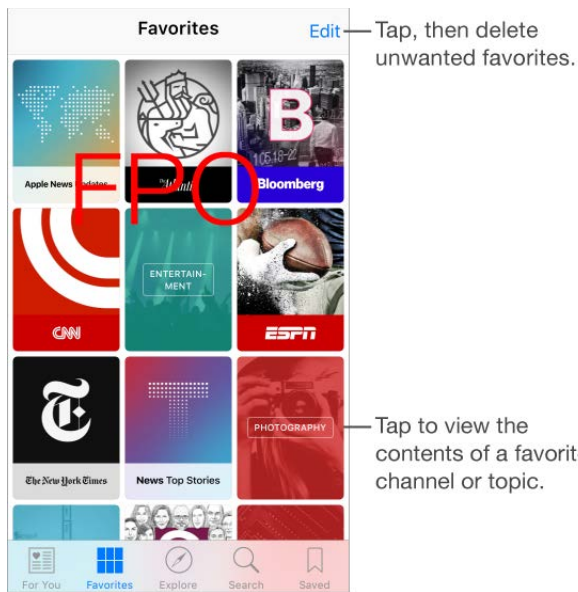
Report a concern. If, while viewing a story, you believe it's mislabeled or inappropriate, tap , then tap Report a Concern.

Find related stories. Tap the topic tag to see a list of related stories.

Favorites

The channels and topics you select when you first open News appear in Favorites. Favorites also includes channels and topics you add later.

Note: Favorites additionally includes the Top Stories channel, which can help you stay up to date with the most important news of the day.

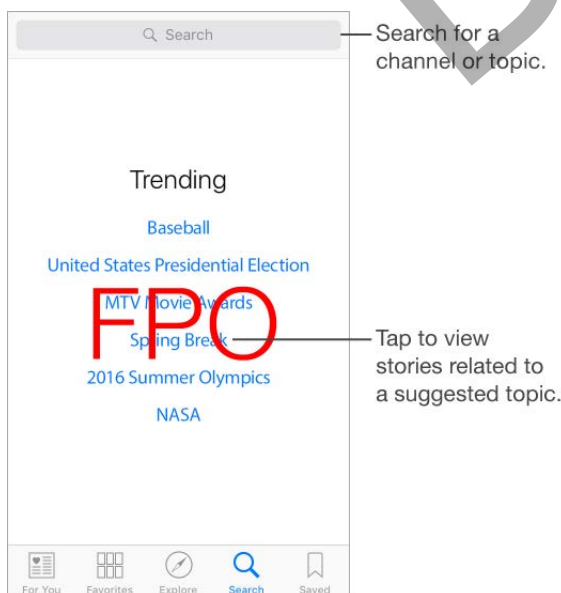


Browse a channel's stories. Tap a channel or publication to see the most recent published stories. Some publishers also let you browse sections, such as political stories or stories about food. On iPhone 6s and iPhone 6s Plus, press to preview a list of stories.


Edit your favorites. Tap Edit, then tap **x** to delete a channel or topic that you no longer wish to follow. On iPhone 6s and iPhone 6s Plus, press, swipe up, then tap Remove from Favorites.

Search

News keeps track of more than a million topics, which makes it easy to find the stories that interest you.

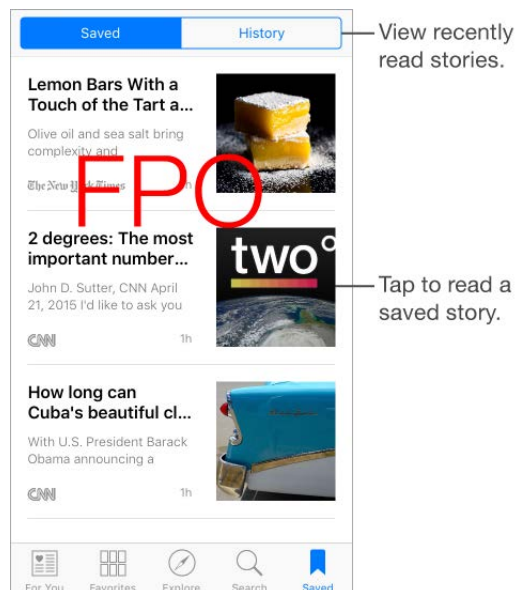





Search for channels and topics. Tap Search, then enter the name of a channel (*CNN* or *Wired*, for example) or a topic (*fashion*, *business*, or *politics*, for example). Tap **+** to add an item to your favorites.

View trending topics. Search offers some suggestions to get you started. Choose a suggestion to see related topics and channels. Tap  to add an item to your favorites.

Save stories

News lets you save stories to read later. You can even read them offline.



Save and delete stories. When viewing your story feed, swipe left, then tap Save. When reading a story, tap  to save it. To read a saved story, tap Saved, then tap the story. Stories that display  are not currently stored on iPhone. Tap  to save them to iPhone for offline reading. Swipe a story left to delete it.

Check your reading history. Tap the History tab to see what you've read. You can also left-swipe stories in History to delete them. To delete your entire history, tap Clear History.

News settings

Go to Settings > News to set options for News, including:

- Refreshing the story list even when you're not using News
- Allowing News to be used over a cellular connection
- Displaying stories from RSS feeds as previews or full stories

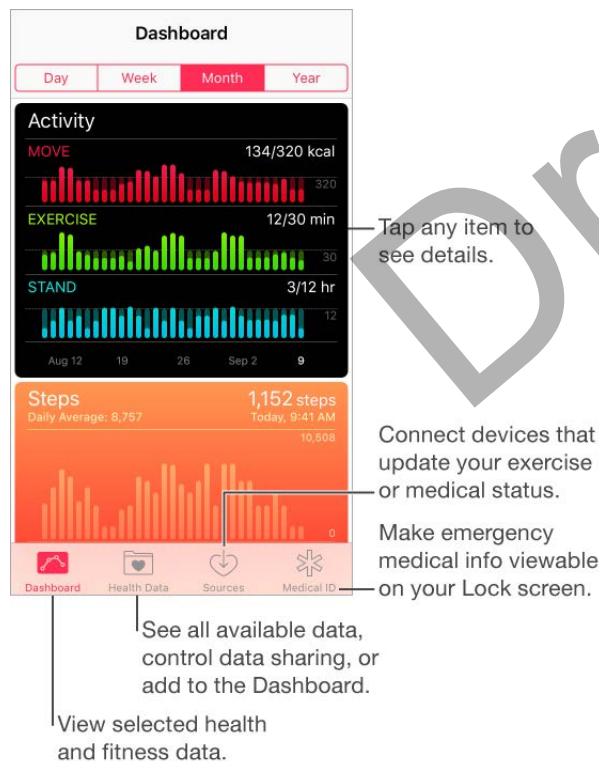
Health

Your health at a glance

Use the Health app to keep track of your health and fitness information. Enter data for key parameters, or let the Health app collect data from other apps and devices that monitor your health and activity. You can even share specific data with selected apps, and through apps with some health care providers. And, Health can display important contact and medical information on the iPhone Lock screen for someone attending to you in an emergency.

If you have an Apple Watch, you can send move, exercise, and stand data—as well as your goals—to your iPhone so you can view it in the Health app and share it with third-party apps.

WARNING: iPhone, Apple Watch, and the Health app are not medical devices. See [Important safety information](#).

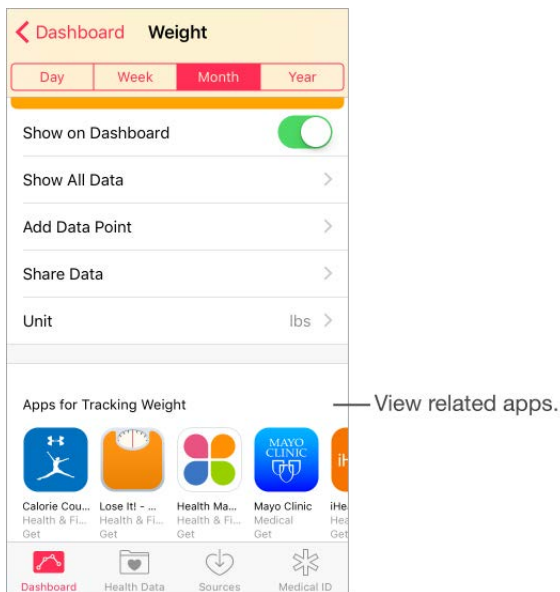


Add parameter items to the Dashboard. Tap Health Data near the bottom of the screen, tap a category (Fitness, for example), tap a parameter (Activity, for example), then turn on Show on Dashboard.

Rearrange parameter items on the Dashboard. Touch and hold the item, then drag it up or down.

Add related third-party apps. Tap Health Data near the bottom of the screen, tap a parameter, scroll down the screen, then tap the related app.

Note: Display of related apps is not available in all regions.



Collect health and fitness data

Enter your own data. If the parameter is in your Dashboard, just tap it there, then tap Add Data Point. Otherwise, tap Health Data at the bottom of the screen, tap the parameter you want to update, then tap Add Data Point.

Collect data from Apple Watch. Once you pair Apple Watch with your iPhone, data is automatically sent to the Health app. For example, to see heart rate data recorded by Apple Watch, open the Health app on iPhone, then tap Health Data > Vitals > Heart Rate.

Collect data from another device. Follow the instructions that can come with the device to set it up. If it's a Bluetooth device, you need to pair it with iPhone—see [Bluetooth devices](#).


Collect data from an app. Follow the instructions that can come with the app to set it up, then watch for a sharing request where you control whether data is shared with the Health app.

Stop app data collection. Tap Sources at the bottom of the Health screen, then select the app in the Apps list. Or tap the associated parameter in your Dashboard or in the Health Data list, tap Share Data, then choose the app under Data Sources.

Share health and fitness data

Share data. Follow the instructions that can come with the app or the device to set it up, then watch for a sharing request, where you control whether data is shared by the Health app. For example, your health care provider might provide an app that sends blood pressure updates to your doctor. You need only install the app, then allow the Health app to share blood pressure data when asked.

Stop sharing data. Tap Sources at the bottom of the Health screen, then select the app in the Apps list. Or tap the associated parameter in your Dashboard or in the Health Data list, tap Share Data, then choose the app under Share Data With.

Export all data. Tap Health Data at the bottom of the Health screen, tap All near the top of the screen, then tap  . Tap Export, then choose an option like Mail or Add to Notes. (See [Share from apps](#).) Your data is exported in XML format, a common format for sharing data between software applications.

Create an emergency medical ID

Your iPhone can display important contact and medical information on the Lock screen, where it's available for someone attending to you in an emergency.

Note: Anyone with physical access to your iPhone can read the information you include in your emergency medical ID.

Set up your medical ID. In the Health app, tap Medical ID in the bottom right of the screen.

View your ID. When you wake iPhone, slide to the passcode screen, then tap Emergency.

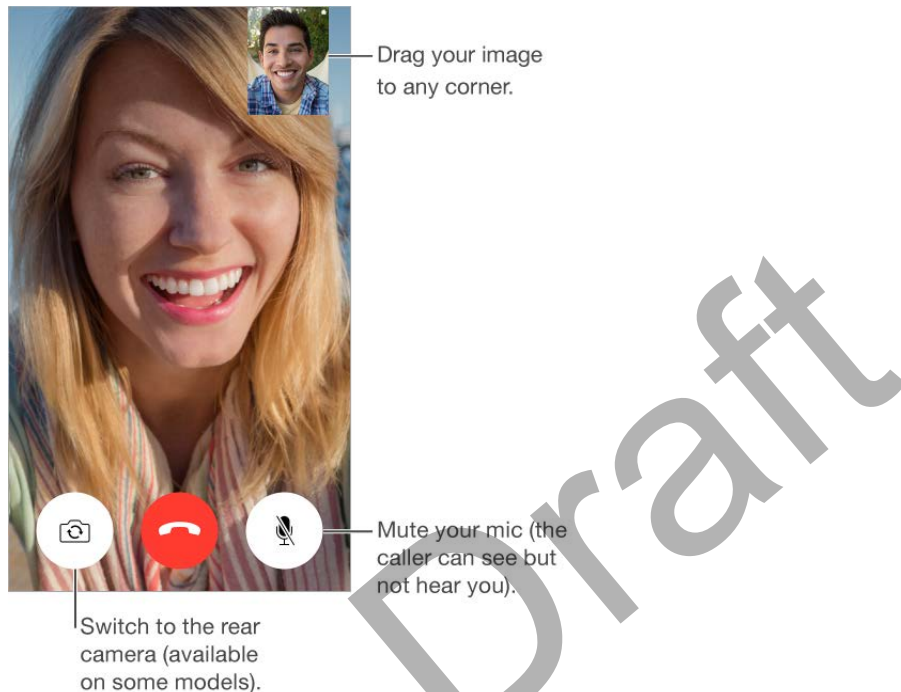
Prevent viewing. Tap Medical ID, tap Edit, then turn off Show When Locked.

FaceTime

FaceTime at a glance




Use FaceTime to make video or audio calls to other iOS devices or computers that support FaceTime. The FaceTime camera lets you talk face-to-face; switch to the rear iSight camera (not available on all models) to share what you see around you.

Note: FaceTime may not be available in all areas.



With a Wi-Fi connection and an Apple ID, you can make and receive FaceTime calls (first sign in using your Apple ID, or create a new account). You can also make FaceTime calls over a cellular data connection, which may incur additional charges. To turn off this feature, go to Settings > Cellular. For more information about cellular usage and settings, see [Cellular settings](#).

Make and answer calls

Make a FaceTime call. Make sure FaceTime is turned on in Settings > FaceTime. Tap FaceTime, then type the name or number you want to call in the entry field at the top. Tap  to make a video call, or tap  to make a FaceTime audio call. Or tap  to open Contacts and start your call from there.

Quickly call or send a message to a recent contact. On iPhone 6s and iPhone 6s Plus, press a contact in your list of FaceTime calls, then choose an action.

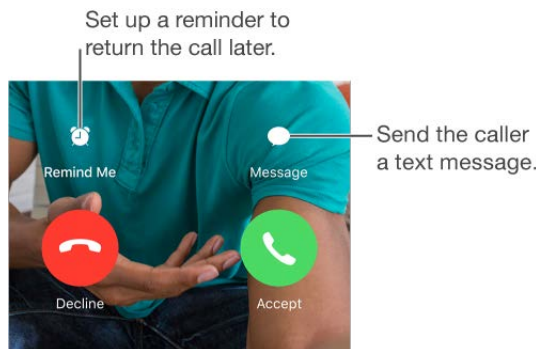
Leave a message. If no one answers your call, tap Leave a Message. You can also choose to cancel the call or try calling back.

Want to call again? Tap FaceTime to see your call history on the screen. Tap Audio or Video to refine your search, then tap a name or number to call again. Tap ⓘ to open the name or number in Contacts.

Delete a call from call history. Tap FaceTime to see your call history on the screen. Swipe to the left, then tap Delete to delete the name or number from your call history.

Can't take a call right now? When a FaceTime call comes in, you can answer, decline, or choose another option.

Ask Siri. Say something like: "Make a FaceTime call."



See the whole gang. Rotate iPhone to use FaceTime in landscape orientation. To avoid unwanted orientation changes, lock iPhone in portrait orientation. See [Change the screen orientation](#).

Manage calls

Multitask during a call. Press the Home button, then tap an app icon. You can still talk with your friend, but you can't see each other. To return to the video, tap the green bar at the top of the screen.

Juggle calls. FaceTime calls aren't forwarded. If another call comes in while you're on a FaceTime call, you can either end the first call and answer the incoming call, decline the incoming call, or reply with a text message. You can use call waiting with FaceTime audio calls only.

Use call waiting for audio calls. If you're on a FaceTime audio call and another call comes in—either a phone call or another FaceTime audio call—you can decline the call, end the first call and accept the new one, or put the first call on hold and respond to the new call.

Block unwanted callers. Go to Settings > FaceTime > Blocked > Add New. You won't receive voice calls, FaceTime calls, or text messages from blocked callers. For more information about blocking calls, see support.apple.com/HT201229.

Settings

Go to Settings > FaceTime, where you can:

- Turn FaceTime on or off
- Specify a phone number, Apple ID, or email address to use with FaceTime
- Set your caller ID

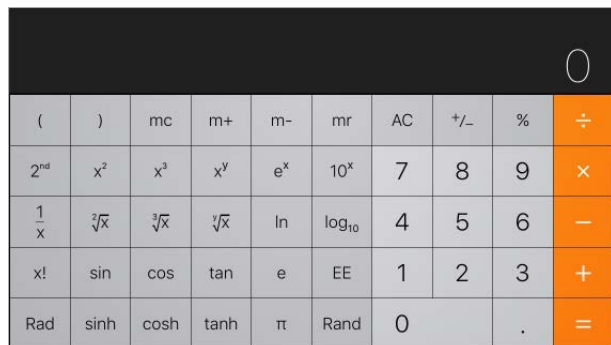
Calculator

Tap numbers and functions in Calculator, just as you would with a standard calculator.

Get to Calculator quickly! Swipe up from the bottom edge of the screen to open Control Center.



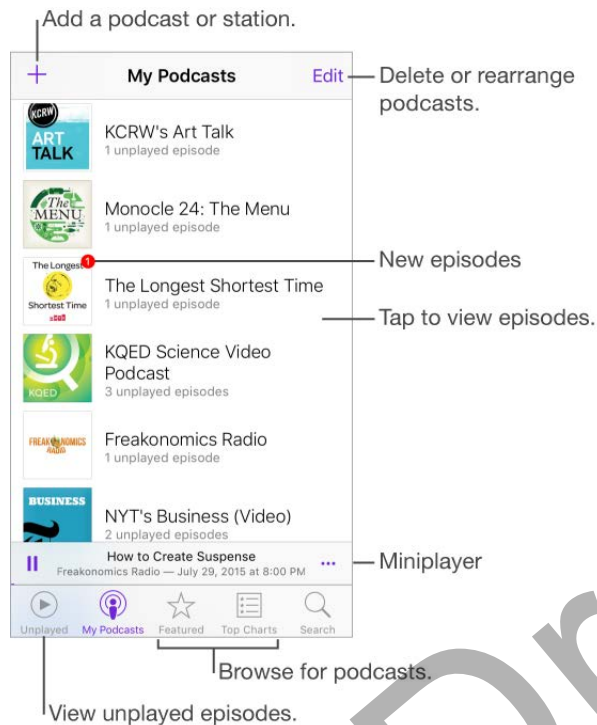
To use the scientific calculator, rotate iPhone to landscape orientation.



Podcasts

Podcasts at a glance

Open the Podcasts app, then browse, subscribe to, and play your favorite audio or video podcasts on iPhone.



Get podcasts and episodes

Discover more podcasts. Tap **Featured** or **Top Charts** at the bottom of the screen.

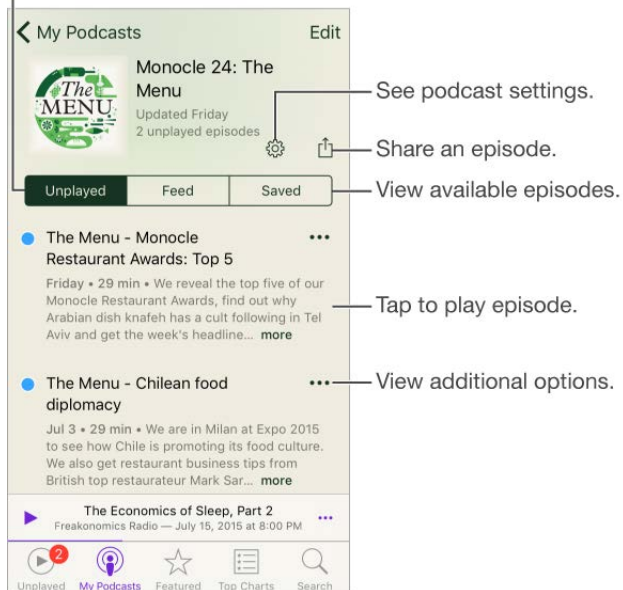
Search for new podcasts. Tap **Search** at the bottom of the screen.

Search your library. Tap **My Podcasts**, then drag down the center of the screen to reveal the **Search** field.

Peek at the unplayed episodes list. On iPhone 6s and iPhone 6s Plus, press a podcast title in **My Podcasts** to see a list of unplayed episodes. Swipe up, then select **Play** to play them.

Preview or stream an episode. Tap the podcast, then tap an episode.

View unplayed episodes.




Get more info. Tap **⋮**, then tap View Full Description to get episode details. Tap any links in podcast or episode descriptions to open them in Safari.

Find new episodes. Tap Unplayed to find episodes you haven't yet heard.

Browse episodes. Tap Feed to see episodes available to download or stream.

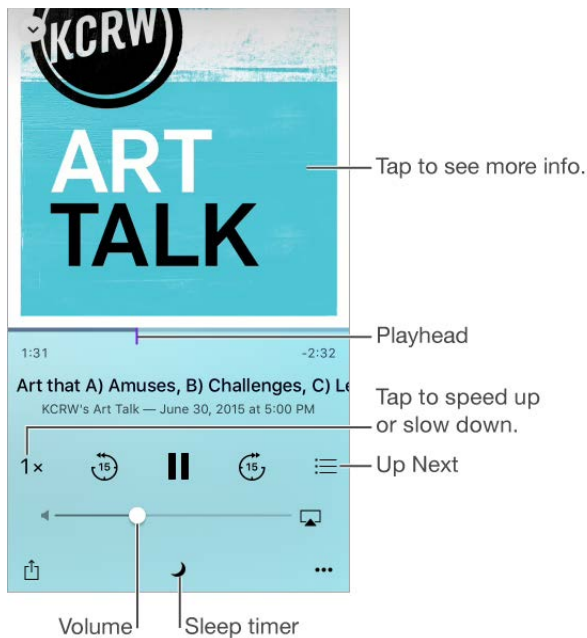
Download an episode to iPhone. Tap **⋮**, then tap Download Episode.

Get new episodes as they're released. Subscribe to the podcast. If you're browsing Featured podcasts or Top Charts, tap the podcast, then tap Subscribe. If you've already downloaded episodes, tap My Podcasts, tap a podcast that appears under Not Subscribed, tap , then turn on Subscribed.

Save or delete unplayed episodes. Tap Unplayed, tap Edit, select individual episodes, then tap Save or Delete.

Control playback

Use the playback controls to go forward and back in a podcast, set the speed, skip episodes, and more.



See podcast info while you listen. Tap the podcast image on the Now Playing screen.

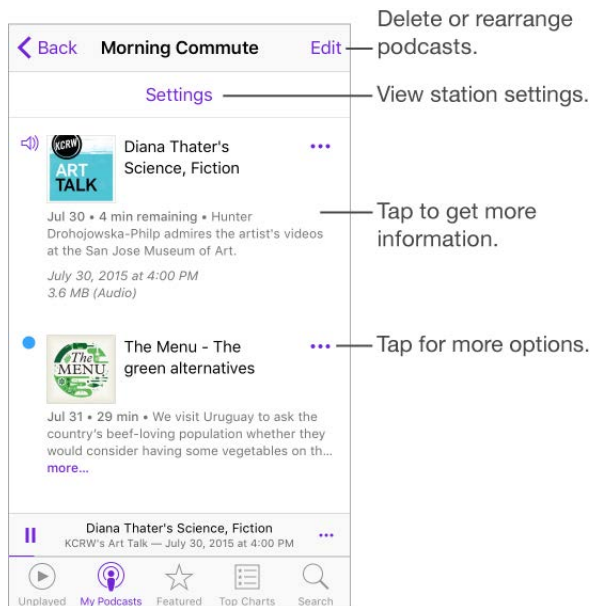
Skip forward or back with greater accuracy. Move your finger toward the top of the screen as you drag the playhead left or right. When you're close to the playback controls, you can scan quickly through the entire episode. When you're close to the top of the screen, you can scan one second at a time.

Ask Siri. Say something like:

- "Play podcasts"
- "Play it twice as fast"
- "Play 'Freakonomics Radio' podcast"

Organize your favorites into stations

Organize your favorite podcasts into custom stations, and update episodes automatically across all your devices.



Create a station. Tap My Podcasts, tap **+**, then tap Add Station. Name your station, tap Save, then add podcasts. To play the podcasts in your station, tap My Podcasts, then tap **▶** next to the station.

Peek at station episodes. On iPhone 6s and iPhone 6s Plus, press a station to see its episodes. Swipe up, then select Play.

Change the order of the station list. Tap My Podcasts, tap Edit, then drag **≡** up or down.

Change the playback order of shows in a station. Tap a station, tap Edit, then drag **≡** up or down.

Delete stations. Tap My Podcasts, tap Edit, then tap **⊖**.

List oldest episodes first. Tap My Podcasts, tap a podcast, tap **⚙️**, then tap Sort Order.

Podcasts settings

Go to Settings > Podcasts, where you can:

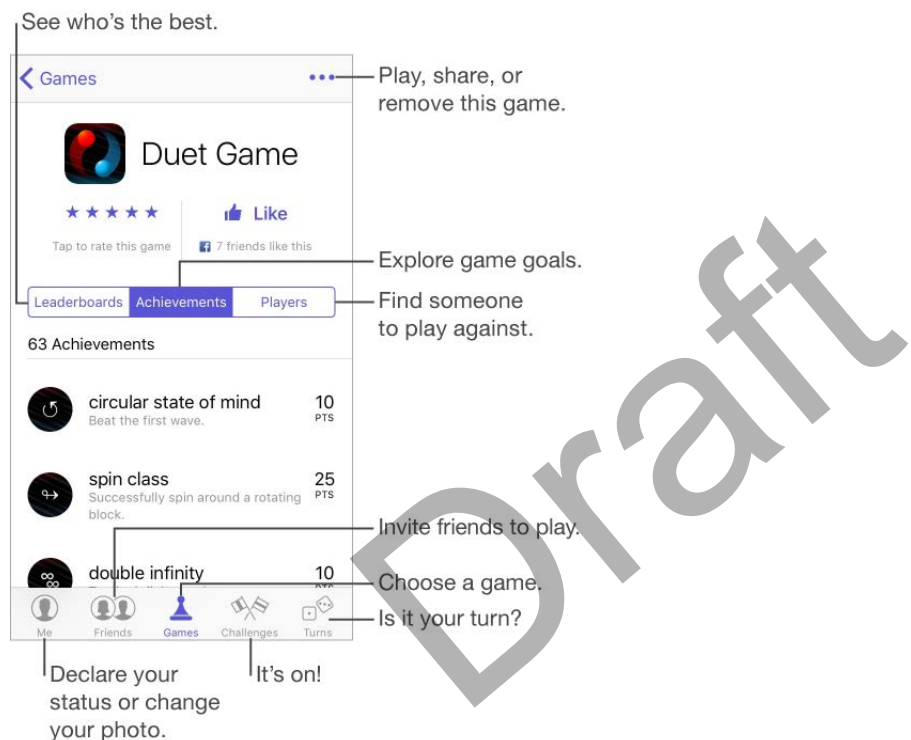
- Choose to keep your podcast subscriptions up to date on all your devices
- Limit podcast downloads to Wi-Fi connections
- Choose how frequently Podcasts checks your subscriptions for new episodes
- Have episodes downloaded automatically
- Limit the number of podcasts that are downloaded
- Choose whether to keep episodes after you finish them

Game Center

Game Center at a glance

Game Center lets you play your favorite games with friends who have an iOS device or a Mac (OS X Mountain Lion or later). You must be connected to the Internet to use Game Center.

WARNING: For important information about avoiding repetitive motion injuries, see [Important safety information](#).



Get started. Open Game Center. If you see your nickname at the top of the screen, you're already signed in. Otherwise, you'll be asked for your Apple ID and password.

Use quick actions. On iPhone 6s and iPhone 6s Plus, press a bubble on the Me page to see available actions. For example, press Friends to see pending friend requests.

Get some games. Tap Games, then tap a recommended game, browse for games in the App Store (look for Supports Game Center in the game details), or get a game one of your friends has (see [Play games with friends](#)).

Play! Tap Games, choose a game, tap **...** in the upper right, then tap Play. (If Play doesn't appear, the game is not currently installed.)

Sign out? No need to sign out when you quit Game Center, but if you want to, go to Settings > Game Center, then tap your Apple ID.

Play games with friends

Invite friends to a multiplayer game. Tap Friends, choose a friend, choose a game, then tap **•••** in the upper right. If the game allows or requires more players, choose the players, then tap Next. Send your invitation, then wait for the others to accept. When everyone's ready, start the game. If a friend isn't available or doesn't respond, you can tap Auto-Match to have Game Center find another player for you, or tap Invite Friend to invite someone else.

Send a friend request. Tap Friends, tap **+**, then enter your friend's email address or Game Center nickname. To browse your contacts, tap **⊕**. (To add several friends in one request, type Return after each address.) Or, tap any player you see anywhere in Game Center.

Send a friend request from the Home screen. On iPhone 6s and iPhone 6s Plus, press Game Center, then select an action.

Challenge someone to outdo you. Tap one of your scores or achievements, then tap Challenge Friends.

What are your friends playing and how are they doing? Tap Friends, tap your friend's name, then tap the Games or Points bubble.

Want to purchase a game your friend has? Tap Friends, then tap your friend's name. Tap his or her Games bubble, tap the game in your friend's game list, then tap **•••** in the upper right.

Make new friends. To see a list of your friend's friends, tap Friends, tap your friend's name, then tap his or her Friends bubble.

Unfriend a friend. Tap Friends, tap the friend's name, then tap **•••** in the upper right.

Keep your email address private. Turn off Public Profile in your Game Center account settings. See [Game Center settings](#).

Turn off multiplayer activity or friend requests. Go to Settings > General > Restrictions. If the switches are dimmed, first tap Enable Restrictions at the top.

Keep it friendly. To report offensive or inappropriate behavior, tap Friends, tap the person's name, tap **•••** in the upper right, then tap Report a Problem.

Game Center settings

Go to Settings > Game Center, where you can:

- Sign out (tap your Apple ID)

- Allow invites
- Let nearby players find you
- Edit your Game Center profile (tap your nickname)
- Get friend recommendations from Contacts or Facebook

Specify which notifications you want for Game Center. Go to Settings > Notifications > Game Center. If Game Center doesn't appear, turn on Notifications.

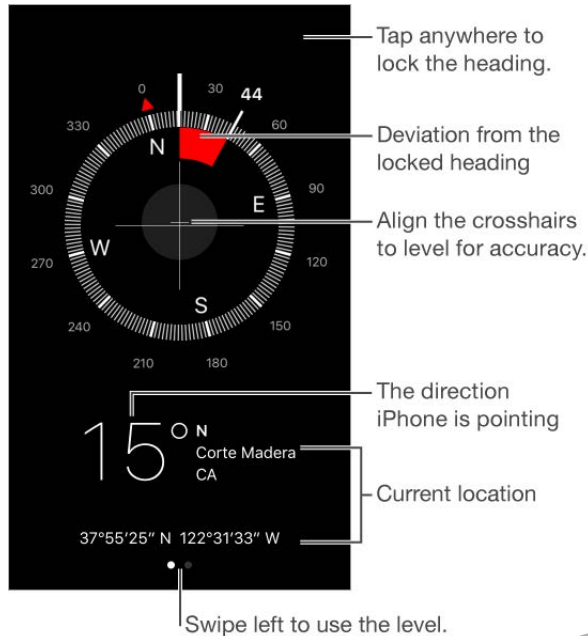
Change restrictions for Game Center. Go to Settings > General > Restrictions.

Draft

Compass

Compass at a glance

Find a direction, see your latitude and longitude, find level, or match a slope.



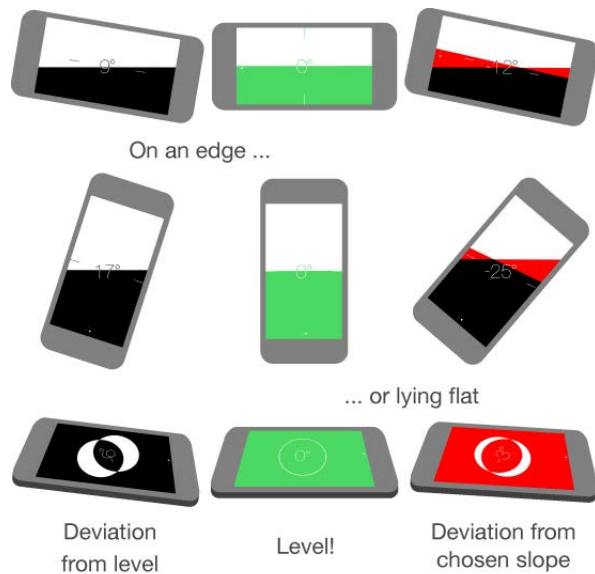
See your location. To see your current location, go to Settings > Privacy > Location Services, then turn on Location Services and Compass. For more about Location Services, see [Privacy](#).

See your location in Maps. Tap the coordinates at the bottom of the screen to open Maps and display your location.

Stay on course. Tap the screen to lock in the current heading, then watch for a red band to see if you're off course.

Important: The accuracy of the compass can be affected by magnetic or environmental interference; even the magnets in the iPhone earbuds can cause a deviation. Use the digital compass only for basic navigation assistance. Don't rely on it to determine precise location, proximity, distance, or direction.

On the level



Show the level. Swipe left on the Compass screen.

Hang it straight. Hold iPhone against a picture frame or other object, then rotate them until you see green. For true level, the deviation is displayed on a black background. If the background is red (indicating relative slope), tap the screen to change it to black.

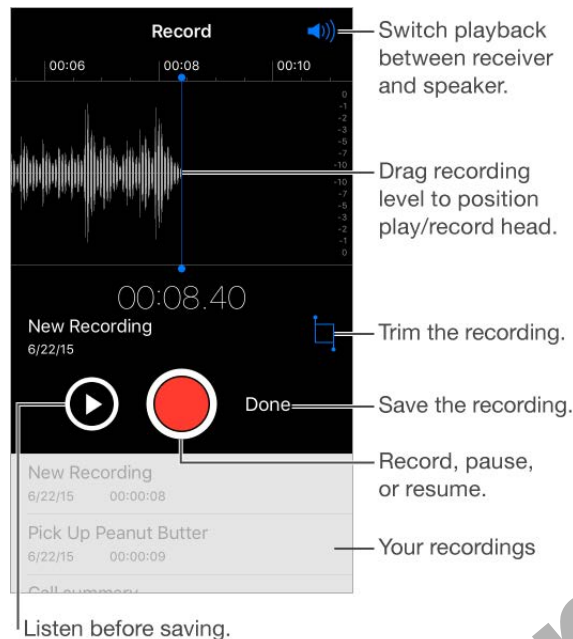
Level the table. Lay iPhone flat on the table.

Match that slope. Hold iPhone against the surface you want to match, then tap the screen to capture the slope. The slope you seek is shown in black, with deviation shown in red. Tap again to return to standard level.

Voice Memos

Voice Memos at a glance

Voice Memos lets you use iPhone as a portable recording device. Use it with the built-in microphone, an iPhone or Bluetooth headset mic, or a supported external microphone.



Record

Start a recording from the Home screen. On iPhone 6s and iPhone 6s Plus, press the Voice Memos app, then tap New Recording.



Record a voice memo. Tap ● or press the center button on your headset. Tap again to pause or resume.

Recordings using the built-in microphone are mono, but you can record stereo using an external stereo microphone that works with the iPhone headset jack, or with the Lightning connector (iPhone 5 and later) or 30-pin dock connector (iPhone 4s). Look for accessories marked with the Apple “Made for iPhone” or “Works with iPhone” logo.

Adjust the recording level. Move the microphone closer to what you’re recording. For better recording quality, the loudest level should be between -3 dB and 0 dB.

Preview before saving. Tap ► to the left of the Record button. To position the play head, drag the recording level display left or right.

Record over a section. Drag the recording level display to position the record/play head, then tap ●.

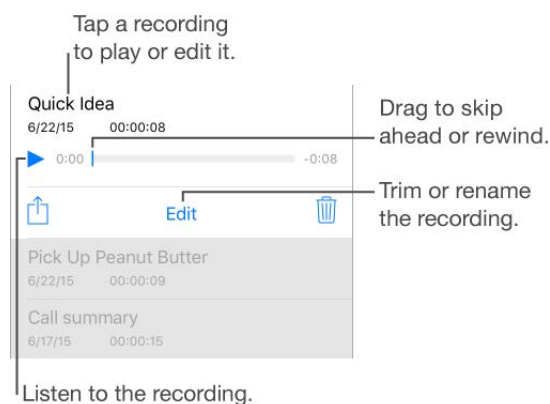
Trim the excess. Tap , then drag the red trim handles. Tap  to check your edit. Adjust the trim handles if necessary, then tap Trim when you're finished.

Save the recording. Tap Done.

Mute the start and stop tones. Use the iPhone volume buttons to turn the volume all the way down.

Multitask. To use another app while you're recording, press the Home button, then open the other app. To return to Voice Memos, tap the red bar at the top of the screen.

Play it back



Rename a recording. Tap the name of the recording.

Move recordings to your computer

You can sync voice memos with the iTunes library on your computer, then listen to them on your computer or sync them with another iPhone or iPod touch.

When you delete a synced voice memo from iTunes, it stays on the device where it was recorded, but is deleted from any other iPhone or iPod touch you synced. If you delete a synced voice memo on iPhone, it's copied back to iPhone the next time you sync with iTunes, but you can't sync that copy back to iTunes a second time.

Sync voice memos with iTunes. Connect iPhone to your computer. Open iTunes on your computer, then select iPhone. Select Music at the top of the screen (between Apps and Movies), select Sync Music, select "Include voice memos," then click Apply.

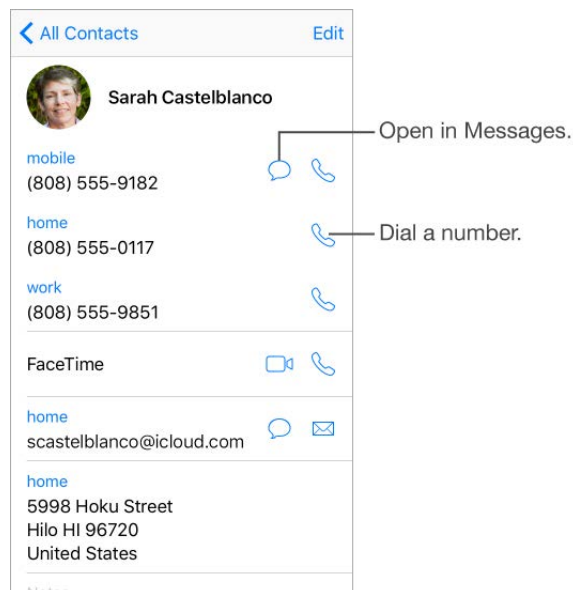
Note: If iCloud Music Library is enabled on iPhone, select "Sync voice memos," then click Apply.

Voice memos synced from iPhone to your computer appear in the Music list and in the Voice Memos playlist in iTunes. Voice memos synced from your computer appear in the Voice Memos app on iPhone, but not in the Music app.

Contacts

Contacts at a glance

iPhone lets you access and edit your contact lists from personal, business, and other accounts.



Set your My Info card for Safari, Siri, and other apps. Go to Settings > Mail, Contacts, Calendars, tap My Info, then select the contact card with your name and information.

Ask Siri. Say something like:

- "Sarah Castelblanco is my sister"
- "Send a message to my sister"
- "What's my brother's work address?"

Find a contact. Tap the search field at the top of the contacts list, then enter your search. You can also search your contacts using Search (see [Search](#)).

Share a contact. Tap a contact, then tap Share Contact. See [Share from apps](#). Sharing a contact shares all the info from the contact's card.

Change a label. If a field has the wrong label, such as Home instead of Work, tap Edit. Then tap the label and choose one from the list, or tap Add Custom Label to create one of your own.

Add your friends' social profiles. While viewing a contact, tap Edit, then tap "add social profile." You can add Twitter, Facebook, Flickr, LinkedIn, Myspace, and Sina Weibo accounts, or create a custom entry.

Create a new contact. Tap \oplus . iPhone automatically adds unconfirmed contacts derived from messages you receive. Turn this on or off at Settings > Mail, Contacts, Calendars > Contacts Found in Mail.

Create a contact from the Home screen. On iPhone 6s and iPhone 6s Plus, press Contacts, then select an action.

Delete a contact. Go to the contact's card, then tap Edit. Scroll down, then tap Delete Contact.

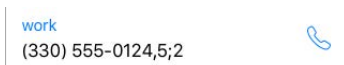
Use Contacts with Phone

Prioritize your contacts. When you add someone to your Favorites list, their calls bypass Do Not Disturb and are added to your Favorites list in Phone for quick dialing. Choose a contact, then scroll down and tap Add to Favorites.

Save the number you just dialed. In Phone, tap Keypad, enter a number, then tap \oplus . Tap Create New Contact, or tap Add to Existing Contact, then choose a contact.

Add a recent caller to Contacts. In Phone, tap Recents, then tap i next to the number. Then tap Create New Contact, or tap Add to Existing Contact and choose a contact.

Automate dialing an extension or passcode. If the number you're calling requires dialing an extension, iPhone can enter it for you. When editing a contact's phone number, tap \oplus * # to enter pauses in the dialing sequence. Tap Pause to enter a two-second pause, which is represented by a comma. Tap Wait to stop dialing until you tap Dial again, which is represented by a semicolon.



Add contacts

Besides entering contacts, you can:

- *Use your iCloud contacts:* Go to Settings > iCloud, then turn on Contacts.
- *Import your Facebook Friends:* Go to Settings > Facebook, then turn on Contacts in the "Allow These Apps to Use Your Accounts" list. This creates a Facebook group in Contacts.
- *Use your Google contacts:* Go to Settings > Mail, Contacts, Calendars, tap your Google account, then turn on Contacts.
- *Access a Microsoft Exchange Global Address List:* Go to Settings > Mail, Contacts, Calendars, tap your Exchange account, then turn on Contacts.

- *Set up an LDAP or CardDAV account to access business or school directories:* Go to Settings > Mail, Contacts, Calendars > Add Account > Other. Tap Add LDAP account or Add CardDAV account, then enter the account information.
- *Sync contacts from your computer:* In iTunes on your computer, turn on contact syncing in the device info pane. For information, see iTunes Help.
- *Import contacts from a SIM card (GSM):* Go to Settings > Mail, Contacts, Calendars > Import SIM Contacts.
- *Import contacts from a vCard:* Tap a .vcf attachment in an email or message.

Search a directory. Tap Groups, tap the GAL, CardDAV, or LDAP directory you want to search, then enter your search. To save a person's info to your contacts, tap Add Contact.

Show or hide a group. Tap Groups, then select the groups you want to see. This button appears only if you have more than one source of contacts.

Update your contacts using Twitter, Facebook, and Sina Weibo. Go to Settings > Twitter, Settings > Facebook, or Settings > Sina Weibo, then tap Update Contacts. This updates contact photos and social media account names in Contacts.

Unify contacts

When you have contacts from multiple sources, you might have multiple entries for the same person. To keep redundant contacts from appearing in your All Contacts list, contacts from different sources that have the same name are linked and displayed as a single *unified contact*. When you view a unified contact, the title Unified Info appears.

Link contacts. If two entries for the same person aren't linked automatically, you can unify them manually. Edit one of the contacts, tap Edit, tap Link Contacts, choose the other contact entry to link to, then tap Link.

Linked contacts aren't merged. If you change or add information in a unified contact, the changes are copied to each source account where that information already exists.

If you link contacts with different first or last names, the names on the individual cards won't change, but only one name appears on the unified card. To choose which name appears when you view the unified card, tap a linked card, tap a linked contact, then tap Use This Name For Unified Card.

Contacts settings

Go to Settings > Mail, Contacts, Calendars, where you can:

- Change how contacts are sorted
- Display contacts by first or last name
- Change how long names are shortened in lists
- Set a default account for new contacts
- Set your My Info card
- Set if new contacts and updates are automatically derived from mail you receive

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Accessibility

Accessibility features

iPhone offers many accessibility features:

Vision

- [VoiceOver](#)
- [Support for braille displays](#)
- [Zoom](#)
- [Invert Colors and Grayscale](#)
- [Speak Selection](#)
- [Speak Screen](#)
- [Speak Auto-text](#)
- [Large, bold, and high-contrast text](#)
- [Button Shapes](#)
- [Reduce screen motion](#)
- [On/off switch labels](#)
- [Assignable ringtones and vibrations](#)
- [Audio Descriptions](#)

Hearing

- [Hearing aids](#)
- [Call audio routing](#)
- [Phone noise cancelation](#)
- [LED Flash for Alerts](#)
- [Mono audio and balance](#)
- [Subtitles and closed captions](#)

Interaction

- [Siri](#)
- [3D Touch](#)
- [Widescreen keyboards](#)
- [Guided Access](#)
- [Switch Control](#)
- [AssistiveTouch](#)
- [Touch Accommodations](#)
- [Software and hardware keyboards](#)

Turn on accessibility features. You can turn on many accessibility features just by asking Siri (“turn on VoiceOver,” for example). See [Siri](#) and [Make requests](#). Or go to Settings > General > Accessibility, or use the Accessibility Shortcut. See [Accessibility Shortcut](#).

Use iTunes on your computer to configure accessibility on iPhone. In iTunes you can enable a limited number of accessibility features, including VoiceOver, zoom, invert colors, speak auto-text, mono audio, and show closed captions where available. Click Summary, then click Configure Accessibility at the bottom of the Summary screen.

For more information about iPhone accessibility features, see www.apple.com/accessibility.

Accessibility Shortcut

Use the Accessibility Shortcut. After setting up an accessibility shortcut, press the Home button quickly three times to engage the associated feature. Features include:

- Touch Accommodations (The shortcut starts Guided Access if it’s already turned on. See [Touch Accommodations](#).)
- VoiceOver
- Invert Colors
- Grayscale
- Zoom
- Switch Control
- AssistiveTouch

- Guided Access (The shortcut starts Guided Access if it's already turned on. See [Guided Access](#).)
- Hearing Aid Control (if you have paired Made for iPhone hearing aids)

Choose the features you want to control. Go to Settings > General > Accessibility > Accessibility Shortcut, then select the accessibility features you use.

Not so fast. To slow down the triple-click speed, go to Settings > General > Accessibility > Home Button. (This also slows down double-clicks.)

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VoiceOver

VoiceOver

VoiceOver describes aloud what appears onscreen, so that you can use iPhone without seeing its screen.

VoiceOver tells you about each item you select. The VoiceOver cursor (a rectangle) encloses the item and VoiceOver speaks its name or describes it.

Touch the screen or drag your finger over it to hear the items on the screen. When you select text, VoiceOver reads the text. If you turn on Speak Hints, VoiceOver may tell you the name of the item and provide instructions—for example, “double-tap to open.” To interact with items, such as buttons and links, use the gestures described in [Learn VoiceOver gestures](#).

When you go to a new screen, VoiceOver plays a sound, then selects and speaks the first item on the screen (typically in the upper-left corner). It lets you know when the display changes to landscape or portrait orientation, when the screen becomes dimmed or locked, and is active on the Lock screen when you wake iPhone.

Note: VoiceOver speaks in the language specified in Settings > General > Language & Region. VoiceOver is available in many languages, but not all.

Use iPhone with VoiceOver

Unlock iPhone. Press either the Sleep/Wake or Home button, drag the slider, then double-tap the screen. On iPhone 5s and later, you can unlock iPhone by placing your finger on the Home button. See [Touch ID](#).

Enter your passcode silently. To avoid having your passcode spoken as you enter it, use handwriting; see [Write with your finger](#).

Open an app, toggle a switch, or tap an item. Select the item, then double-tap the screen.


Double-tap the selected item. To invoke a command normally executed by tapping twice on the screen—selecting a word or zooming an image, for example—tap three times.

Adjust a slider. Select the slider, then swipe up or down with one finger.

Use a standard gesture. Double-tap and hold your finger on the screen until you hear three rising tones, then make the gesture. When you lift your finger, VoiceOver gestures resume. For example, to drag a volume slider with your finger instead of swiping up and

down, select the slider, double-tap and hold, wait for the three tones, then slide left or right.

Scroll a list or area of the screen. Swipe up or down with three fingers.

- *Scroll continuously through a list:* Double-tap and hold until you hear three rising tones, then drag up or down.
- *Use the list index:* Some lists have an alphabetical table index along the right side. Select the index, then swipe up or down to move through the index. You can also double-tap, hold, then slide your finger up or down.
- *Reorder a list:* You can change the order of items in some lists, such as the Rotor items in Accessibility settings. Select  to the right of an item, double-tap and hold until you hear three rising tones, then drag up or down.

Open Notification Center. Select any item in the status bar, then swipe down with three fingers. To dismiss Notification Center, do a two-finger scrub (move two fingers back and forth three times quickly, making a “z”).

Open Control Center. Select any item in the status bar, then swipe up with three fingers. To dismiss Control Center, do a two-finger scrub.

Switch apps. Double-click the Home button to display open apps, swipe left or right with one finger to select an app, then double-tap to switch to it. Or, set the rotor to Actions while viewing open apps, then swipe up or down.

Rearrange your Home screen. Select an icon on the Home screen, double-tap and hold, then drag. Lift your finger when the icon is in its new location. Drag an icon to the edge of the screen to move it to another Home screen. You can continue to select and move items until you press the Home button.

Speak iPhone status information. Tap the status bar at the top of the screen, then swipe left or right to hear information about the time, battery state, Wi-Fi signal strength, and more.

Speak notifications. Go to Settings > General > Accessibility > VoiceOver, then turn on Always Speak Notifications. Notifications, including the text of incoming text messages, are spoken as they occur, even if iPhone is locked. Unacknowledged notifications are repeated when you unlock iPhone.

Turn the screen curtain on or off. Triple-tap with three fingers. When the screen curtain is on, the screen contents are active even though the display is turned off.

VoiceOver basics

Important: VoiceOver changes the gestures you use to control iPhone. When VoiceOver is on, you must use VoiceOver gestures to operate iPhone—even to turn VoiceOver off.

Turn VoiceOver on or off. Press and hold the Home button and tell Siri “turn VoiceOver on.” To turn VoiceOver off, tell Siri “turn VoiceOver off.” You can also go to Settings > General > Accessibility > VoiceOver, or use the Accessibility Shortcut. See [Accessibility Shortcut](#).

Explore. Drag your finger over the screen. VoiceOver speaks each item you touch. Lift your finger to leave an item selected.

- *Select an item:* Tap once to select an item, double-tap to invoke it.
- *Select the next or previous item:* Swipe right or left with one finger. Item order is left-to-right, top-to-bottom.
- *Select the item above or below:* Set the rotor to Vertical Navigation, then swipe up or down with one finger. If you don't find Vertical Navigation in the rotor, you can add it; see [Use the VoiceOver rotor](#).
- *Select the first or last item on the screen:* Tap with four fingers at the top or bottom of the screen.
- *Select an item by name:* Triple-tap with two fingers anywhere on the screen to open the Item Chooser. Then type a name in the search field, or swipe right or left to move through the list alphabetically, or tap the table index to the right of the list and swipe up or down to move quickly through the list of items. You can also use handwriting to select an item by writing its name; see [Write with your finger](#). To dismiss the Item Chooser without making a selection, double-tap.
- *Change an item's name so it's easier to find:* Select the item, then double-tap and hold with two fingers anywhere on the screen.
- *Speak the text of the selected item:* Set the rotor to characters or words, then swipe down or up with one finger.
- *Hear additional detail about using a button or feature:* Go to Settings > General > Accessibility > VoiceOver, then turn Speak Hints on or off.
- *Use phonetic spelling:* Go to Settings > General > Accessibility > VoiceOver > Phonetic Feedback.
- *Speak the entire screen, from the top:* Swipe up with two fingers.
- *Speak from the current item to the bottom of the screen:* Swipe down with two fingers.

- *Pause speaking:* Tap once with two fingers. Tap again with two fingers to resume, or select another item.
- *Mute VoiceOver:* Double-tap with three fingers; repeat to unmute. If you're using an external keyboard, press the Control key.
- *Silence sound effects:* Go to Settings > General > Accessibility > VoiceOver, then turn off Use Sound Effects.

Use a larger VoiceOver cursor. Go to Settings > General > Accessibility > VoiceOver, then turn on Large Cursor.

Adjust the speaking voice. You can adjust the VoiceOver speaking voice:

- *Change the volume:* Use the volume buttons on iPhone. You can also add volume to the rotor, then swipe up and down to adjust; see [Use the VoiceOver rotor](#).
- *Change the speech rate:* Go to Settings > General > Accessibility > VoiceOver, then drag the Speaking Rate slider. You can also set the rotor to Speech Rate, then swipe up or down to adjust.
- *Use pitch change:* VoiceOver uses a higher pitch when speaking the first item of a group (such as a list or table) and a lower pitch when speaking the last item of a group. Go to Settings > General > Accessibility > VoiceOver.
- *Speak punctuation:* Set the rotor to Punctuation, then swipe up or down to select how much you want to hear.
- *Control audio ducking:* To choose whether audio that's playing is turned down while VoiceOver speaks, set the rotor to Audio Ducking, then swipe up or down.
- *Change the language for iPhone:* Go to Settings > General > Language & Region. VoiceOver pronunciation of some languages is affected by the Region Format you choose there.
- *Change pronunciation:* Set the rotor to Language, then swipe up or down. Language is available in the rotor only if you select more than one pronunciation in Settings > General > Accessibility > VoiceOver > Speech > Rotor Languages.
- *Choose which dialects are available in the rotor:* Go to Settings > General > Accessibility > VoiceOver > Speech > Rotor Languages. To adjust voice quality or speaking rate, tap ⓘ next to the language. To remove languages from the rotor or change their order, tap Edit, tap the delete button or drag ≡ up or down, then tap Done.
- *Set the default dialect for the current iPhone language:* Go to Settings > General > Accessibility > VoiceOver > Speech.

- *Download an enhanced quality reading voice:* Go to Settings > General > Accessibility > VoiceOver > Speech, tap a language, then choose an enhanced voice. By default, VoiceOver uses the Siri voice. If you're using English, you can choose to download Alex (869 MB), the same high-quality U.S. English voice used for VoiceOver on Mac computers.

Learn VoiceOver gestures

When VoiceOver is on, standard touchscreen gestures have different effects, and additional gestures let you move around the screen and control individual items. VoiceOver gestures include two-, three-, and four-finger taps and swipes. For best results using multi-finger gestures, relax and let your fingers touch the screen with some space between them.

You can use different techniques to perform VoiceOver gestures. For example, you can perform a two-finger tap using two fingers on one hand, or one finger on each hand. You can even use your thumbs. Some people use a split-tap gesture: instead of selecting an item and double-tapping, touch and hold an item with one finger, then tap the screen with another finger. If your iPhone supports it, you can use 3D Touch to perform gestures.

Try different techniques to discover which works best for you. If a gesture doesn't work, try a quicker movement, especially for a double-tap or swipe gesture. To swipe, try brushing the screen quickly with your finger or fingers.

In VoiceOver settings, you can enter a special area where you can practice VoiceOver gestures without affecting iPhone or its settings.

Practice VoiceOver gestures. Go to Settings > General > Accessibility > VoiceOver, then tap VoiceOver Practice. When you finish practicing, tap Done. If you don't see the VoiceOver Practice button, make sure VoiceOver is turned on.

Here are some key VoiceOver gestures:

Navigate and read

- *Tap:* Select and speak the item.
- *Swipe right or left:* Select the next or previous item.
- *Swipe up or down:* Depends on the rotor setting. See [Use the VoiceOver rotor](#).
- *Two-finger swipe up:* Read all from the top of the screen.
- *Two-finger swipe down:* Read all from the current position.
- *Two-finger tap:* Stop or resume speaking.

- *Two-finger scrub*: Move two fingers back and forth three times quickly (making a “z”) to dismiss an alert or go back to the previous screen.
- *Three-finger swipe up or down*: Scroll one page at a time.
- *Three-finger swipe right or left*: Go to the next or previous page (on the Home screen, for example).
- *Three-finger tap*: Speak additional information, such as position within a list or whether text is selected.
- *Four-finger tap at top of screen*: Select the first item on the page.
- *Four-finger tap at bottom of screen*: Select the last item on the page.

Activate

- *Double-tap*: Activate the selected item.
- *Triple-tap*: Double-tap an item.
- *Split-tap*: As an alternative to selecting an item and double-tapping to activate it, touch an item with one finger, then tap the screen with another.
- *Double-tap and hold (1 second) + standard gesture*: Use a standard gesture. The double-tap and hold gesture tells iPhone to interpret the next gesture as standard. For example, you can double-tap and hold, and then without lifting your finger, drag your finger to slide a switch.
- *Two-finger double-tap*: Answer or end a call. Play or pause in Music, Videos, Voice Memos, or Photos. Take a photo in Camera. Start or pause recording in Camera or Voice Memos. Start or stop the stopwatch.
- *Two-finger double-tap and hold*: Change an item’s label to make it easier to find.
- *Two-finger triple-tap*: Open the Item Chooser.
- *Three-finger double-tap*: Mute or unmute VoiceOver.
- *Three-finger triple-tap*: Turn the screen curtain on or off.

Use the VoiceOver rotor

Use the rotor to choose what happens when you swipe up or down with VoiceOver turned on, or to select special input methods such as Braille Screen Input or Handwriting.

Operate the rotor. Rotate two fingers on the screen around a point between them.



Choose your rotor options. Go to Settings > General > Accessibility > VoiceOver > Rotor, then select the options you want to include in the rotor.

The available rotor options and their effects depend on what you're doing. For example, if you're reading an email, you can use the rotor to switch between hearing text spoken word-by-word or character-by-character when you swipe up or down. If you're browsing a webpage, you can set the rotor to speak all the text (either word-by-word or character-by-character), or to jump from one item to another of a certain type, such as headers or links.

When you use an Apple Wireless Keyboard to control VoiceOver, the rotor lets you adjust settings such as volume, speech rate, use of pitch or phonetics, typing echo, and reading of punctuation. See [Use VoiceOver with an Apple Wireless Keyboard](#).

Use the onscreen keyboard

When you activate an editable text field, the onscreen keyboard appears (unless you have an Apple Wireless Keyboard attached).

Activate a text field. Select the text field, then double-tap. The insertion point and the onscreen keyboard appear.

Choose a typing style. Go to Settings > General > Accessibility > VoiceOver > Typing Style. Or, set the rotor to Typing Mode, then swipe up or down.

Enter text. Type characters using the onscreen keyboard:

- *Standard typing:* Select a key on the keyboard by swiping left or right, then double-tap to enter the character. Or move your finger around the keyboard to select a key and, while continuing to touch the key with one finger, tap the screen with another finger. VoiceOver speaks the key when it's selected, and again when the character is entered.
- *Touch typing:* Touch a key on the keyboard to select it, then lift your finger to enter the character. If you touch the wrong key, slide your finger to the key you want. VoiceOver speaks the character for each key as you touch it, but doesn't enter a character until you lift your finger.
- *Direct Touch typing:* VoiceOver is disabled for the keyboard only, so you can type just as you do when VoiceOver is off.

Move the insertion point. Swipe up or down to move the insertion point forward or backward in the text. Use the rotor to choose whether you want to move the insertion point by character, by word, or by line. To jump to the beginning or end, double-tap the text.


VoiceOver makes a sound when the insertion point moves, and speaks the character, word, or line that the insertion point moves across. When moving forward by words, the insertion point is placed at the end of each word, before the space or punctuation that follows. When moving backward, the insertion point is placed at the end of the preceding word, before the space or punctuation that follows it.

Move the insertion point past the punctuation at the end of a word or sentence. Use the rotor to switch back to character mode.

When moving the insertion point by line, VoiceOver speaks each line as you move across it. When moving forward, the insertion point is placed at the beginning of the next line (except when you reach the last line of a paragraph, when the insertion point is moved to the end of the line just spoken). When moving backward, the insertion point is placed at the beginning of the line that's spoken.

Change typing feedback. Go to Settings > General > Accessibility > VoiceOver > Typing Feedback.

Use phonetics in typing feedback. Go to Settings > General > Accessibility > VoiceOver > Phonetic Feedback. Text is read character by character. VoiceOver first speaks the character, then its phonetic equivalent—for example, "f" and then "foxtrot."

Delete a character. Use  with any of the VoiceOver typing styles. VoiceOver speaks each character as it's deleted. If Use Pitch Change is turned on, VoiceOver speaks deleted characters in a lower pitch.

Select text. Set the rotor to Edit, swipe up or down to choose Select or Select All, then double-tap. If you choose Select, the word closest to the insertion point is selected when you double-tap. To increase or decrease the selection, do a two-finger scrub to dismiss the pop-up menu, then pinch.

Cut, copy, or paste. Set the rotor to Edit, select the text, swipe up or down to choose Cut, Copy, or Paste, then double-tap.

Undo. Shake iPhone, swipe left or right to choose the action to undo, then double-tap.

Enter an accented character. In standard typing style, select the plain character, then double-tap and hold until you hear a sound indicating alternate characters have appeared. Drag left or right to select and hear the choices. Release your finger to enter the current selection. In touch typing style, touch and hold a character until the alternate characters appear.

Change the keyboard language. Set the rotor to Language, then swipe up or down. Choose “default language” to use the language specified in Language & Region settings. The Language rotor item appears only if you select more than one language in Settings > General > Accessibility > VoiceOver > Speech.

Write with your finger

Handwriting mode lets you enter text by writing characters on the screen with your finger. In addition to normal text entry, use handwriting mode to enter your iPhone passcode silently or open apps from the Home screen.

Enter handwriting mode. Use the rotor to select Handwriting. If Handwriting isn’t in the rotor, go to Settings > General > Accessibility > VoiceOver > Rotor, then add it.

Choose a character type. Swipe up or down with three fingers to choose lowercase, numbers, uppercase, or punctuation.

Hear the currently selected character type. Tap with three fingers.

Enter a character. Trace the character on the screen with your finger.

Enter an alternate character. To use an alternate character (a character with an accent or umlaut, for example), write the character, then swipe up or down with two fingers until you hear the type of character you want.

Enter a space. Swipe right with two fingers.

Go to a new line. Swipe right with three fingers.

Delete the character before the insertion point. Swipe left with two fingers.

Select an item on the Home screen. Start writing the name of the item. If there are multiple matches, continue to spell the name until it’s unique, or swipe up or down with two fingers to choose from the current matches.

Enter your passcode silently. Set the rotor to Handwriting on the passcode screen, then write the characters of your passcode.

Use a table index to skip through a long list. Select the table index to the right of the table (for example, next to your Contacts list or in the VoiceOver Item Chooser), then write the letter.

Set the rotor to a web browsing element type. Write the first letter of a page element type. For example, write “l” to have up or down swipes skip to links, or “h” to skip to headings.

Exit handwriting mode. Do a two-finger scrub, or turn the rotor to a different selection.

Type onscreen braille

With Braille Screen Input enabled, you can use your fingers to enter 6-dot or contracted braille codes directly on the iPhone screen. Tap codes with iPhone laying flat in front of you (tabletop mode), or hold iPhone with the screen facing away so your fingers curl back to tap the screen (screen away mode).

Turn on Braille Screen Input. Use the rotor to select Braille Screen Input. If you don't find it in the rotor, go to Settings > General > Accessibility > VoiceOver > Rotor, then add it.

Enter braille codes. Place iPhone flat in front of you or hold it with the screen facing away, then tap the screen with one or several fingers at the same time.

Adjust entry dot positions. To move the entry dots to match your natural finger positions, tap and lift your right three fingers all at once to position dots 4, 5, and 6, followed immediately by your left three fingers for dots 1, 2, and 3.

Switch between 6-dot and contracted braille. Swipe to the right with three fingers. To set the default, go to Settings > General > Accessibility > VoiceOver > Braille > Braille Screen Input.

Enter a space. Swipe right with one finger. (In screen away mode, swipe to *your* right.)

Delete the previous character. Swipe left with one finger.

Move to a new line (typing). Swipe right with two fingers.

Cycle through spelling suggestions. Swipe up or down with one finger.

Select an item on the Home screen. Start entering the name of the item. If there are multiple matches, continue to spell the name until it is unique, or swipe up or down with one finger to select a partial match.

Open the selected app. Swipe right with two fingers.

Turn braille contractions on or off. Swipe to the right with three fingers.

Translate immediately (when contractions are enabled). Swipe down with two fingers.

Stop entering braille. Do a two-finger scrub, or set the rotor to another setting.

Use VoiceOver with an Apple Wireless Keyboard

You can control VoiceOver using an Apple Wireless Keyboard paired with iPhone. See [Use an Apple Wireless Keyboard](#).

Use VoiceOver keyboard commands to navigate the screen, select items, read screen contents, adjust the rotor, and perform other VoiceOver actions. For the commands, you can use the Control-Option key combination or the Caps Lock key, abbreviated in the list that follows as "VO." (To choose a modifier key, go to Settings > General > Accessibility > VoiceOver > Modifier Keys.)

You can use VoiceOver Help to learn the keyboard layout and the actions associated with various key combinations. VoiceOver Help speaks keys and keyboard commands as you type them, without performing the associated action.

VoiceOver keyboard commands

VO = Control-Option

- *Turn on VoiceOver Help:* VO-K
- *Turn off VoiceOver Help:* Escape
- *Select the next or previous item:* VO-Right Arrow or VO-Left Arrow
- *Double-tap to activate the selected item:* VO-Space bar
- *Press the Home button:* VO-H
- *Touch and hold the selected item:* VO-Shift-M
- *Move to the status bar:* VO-M
- *Read from the current position:* VO-A
- *Read from the top:* VO-B
- *Pause or resume reading:* Control
- *Copy the last spoken text to the clipboard:* VO-Shift-C
- *Search for text:* VO-F
- *Mute or unmute VoiceOver:* VO-S
- *Open Notification Center:* Fn-VO-Up Arrow
- *Open Control Center:* Fn-VO-Down Arrow
- *Open the Item Chooser:* VO-I
- *Change the label of the selected item:* VO-/
- *Double-tap with two fingers:* VO-"-"
- *Adjust the rotor:* Use Quick Nav (see below)

- *Swipe up or down:* VO–Up Arrow or VO–Down Arrow
- *Adjust the speech rotor:* VO–Command–Left Arrow or VO–Command–Right Arrow
- *Adjust the setting specified by the speech rotor:* VO–Command–Up Arrow or VO–Command–Down Arrow
- *Turn the screen curtain on or off:* VO–Shift–S
- *Return to the previous screen:* Escape
- *Switch apps:* Command–Tab or Command–Shift–Tab

Quick Nav

Turn on Quick Nav to control VoiceOver using the arrow keys.

- *Turn Quick Nav on or off:* Left Arrow–Right Arrow
- *Select the next or previous item:* Right Arrow or Left Arrow
- *Select the next or previous item specified by the rotor:* Up Arrow or Down Arrow
- *Select the first or last item:* Control–Up Arrow or Control–Down Arrow
- *Tap an item:* Up Arrow–Down Arrow
- *Scroll up, down, left, or right:* Option–Up Arrow, Option–Down Arrow, Option–Left Arrow, or Option–Right Arrow
- *Adjust the rotor:* Up Arrow–Left Arrow or Up Arrow–Right Arrow

You can also use the number keys on an Apple Wireless Keyboard to dial a phone number in Phone or enter numbers in Calculator.

Single-key Quick Nav for web browsing

When you view a webpage with Quick Nav on, you can use the following keys on the keyboard to navigate the page quickly. Typing the key moves to the next item of the indicated type. To move to the previous item, hold the Shift key as you type the letter.

- *Turn on Single-key Quick Nav:* VO–Q
- *Heading:* H
- *Link:* L
- *Text field:* R
- *Button:* B

- *Form control: C*
- *Image: I*
- *Table: T*
- *Static text: S*
- *ARIA landmark: W*
- *List: X*
- *Item of the same type: M*
- *Level 1 heading: 1*
- *Level 2 heading: 2*
- *Level 3 heading: 3*
- *Level 4 heading: 4*
- *Level 5 heading: 5*
- *Level 6 heading: 6*

Text editing

Use these commands (with Quick Nav turned off) to work with text. VoiceOver reads the text as you move the insertion point.

- *Go forward or back one character:* Right Arrow or Left Arrow
- *Go forward or back one word:* Option–Right Arrow or Option–Left Arrow
- *Go up or down one line:* Up Arrow or Down Arrow
- *Go to the beginning or end of the line:* Command–Left Arrow or Command–Down Arrow
- *Go to the beginning or end of the paragraph:* Option–Up Arrow or Option–Down Arrow
- *Go to the previous or next paragraph:* Option–Up Arrow or Option–Down Arrow
- *Go to the top or bottom of the text field:* Command–Up Arrow or Command–Down Arrow
- *Select text as you move:* Shift + any of the insertion point movement commands above

- *Select all text:* Command–A
- *Copy, cut, or paste the selected text:* Command–C, Command–X, or Command–V
- *Undo or redo last change:* Command–Z or Shift–Command–Z

Support for braille displays

You can use a Bluetooth braille display to read VoiceOver output, and you can use a braille display with input keys and other controls to control iPhone when VoiceOver is turned on. For a list of supported braille displays, see www.apple.com/accessibility/ios/braille-display.html.

Connect a braille display. Turn on the display, then go to Settings > Bluetooth and turn on Bluetooth. Then, go to Settings > General > Accessibility > VoiceOver > Braille and choose the display.

Adjust Braille settings. Go to Settings > General > Accessibility > VoiceOver > Braille, where you can:

- Choose contracted, uncontracted 8-dot, or uncontracted 6-dot braille input or output
- Turn on the status cell and choose its location
- Turn on Nemeth code for equations
- Display the onscreen keyboard
- Choose to have the page turned automatically when panning
- Change the braille translation from Unified English
- Change the alert display duration

For information about common braille commands for VoiceOver navigation, and for information specific to certain displays, see support.apple.com/HT4400.

Set the language for VoiceOver. Go to Settings > General > Language & Region.

If you change the language for iPhone, you may need to reset the language for VoiceOver and your braille display.

You can set the leftmost or rightmost cell of your braille display to provide system status and other information. For example:

- Announcement History contains an unread message
- The current Announcement History message hasn't been read

- VoiceOver speech is muted
- The iPhone battery is low (less than 20% charge)
- iPhone is in landscape orientation
- The screen display is turned off
- The current line contains additional text to the left
- The current line contains additional text to the right

Set the leftmost or rightmost cell to display status information. Go to Settings > General > Accessibility > VoiceOver > Braille > Status Cell, then tap Left or Right.

See an expanded description of the status cell. On your braille display, press the status cell's router button.

Make phone calls with VoiceOver

Answer or end a call. Double-tap the screen with two fingers.

When a phone call is established with VoiceOver on, the screen displays the numeric keypad by default, instead of showing call options.

Display call options. Select the Hide Keypad button in the lower-right corner and double-tap.

Display the numeric keypad again. Select the Keypad button near the center of the screen and double-tap.

Read math equations

VoiceOver can read aloud math equations encoded using:

- MathML on the web
- MathML or LaTeX in iBooks Author

Hear an equation. Have VoiceOver read the text as usual. VoiceOver says "math" before it starts reading an equation.


Explore the equation. Double-tap the selected equation to display it full screen and move through it one element at a time. Swipe left or right to read elements of the equation. Use the rotor to select Symbols, Small Expressions, Medium Expressions, or Large Expressions, then swipe up or down to hear the next element of that size. You can continue to double-tap the selected element to "drill down" into the equation to focus on the selected element, then swipe left or right, up or down to read one part at a time.

Equations read by VoiceOver can also be output to a braille device using Nemeth code, as well as the codes used by Unified English Braille, British English, French, and Greek. See [Support for braille displays](#).

Use VoiceOver with Safari

Search the web. Select the search field, enter your search, then swipe right or left to move down or up the list of suggested search phrases. Then double-tap the screen to search the web using the selected phrase.

Skip to the next page element of a particular type. Set the rotor to the element type—such as headings, links, and form controls—then swipe up or down.

Set the rotor options for web browsing. Go to Settings > General > Accessibility > VoiceOver > Rotor. Tap to select or deselect options, or drag  up or down to reposition an item.

Skip images while navigating. Go to Settings > General > Accessibility > VoiceOver > Navigate Images. You can choose to skip all images or only those without descriptions.

Reduce page clutter for easier reading and navigation. Select the Reader item in the Safari address field (not available for all pages).

If you pair an Apple Wireless Keyboard with iPhone, you can use single-key Quick Nav commands to navigate webpages. See [Use VoiceOver with an Apple Wireless Keyboard](#).

Use VoiceOver with Maps

You can use VoiceOver to explore a region, browse points of interest, follow roads, zoom in or out, select a pin, or get information about a location.

Explore the map. Drag your finger around the screen, or swipe left or right to move to another item.

Zoom in or out. Select the map, set the rotor to Zoom, then swipe down or up with one finger.

Pan the map. Swipe with three fingers.

Browse visible points of interest. Set the rotor to Points of Interest, then swipe up or down with one finger.

Follow a road. Hold your finger down on the road, wait until you hear “pause to follow,” then move your finger along the road while listening to the guide tone. The pitch increases when you stray from the road.

Select a pin. Touch a pin, or swipe left or right to select the pin.

Get information about a location. With a pin selected, double-tap to display the information flag. Swipe left or right to select the More Info button, then double-tap to display the information page.

Hear location cues as you move about. Turn on Tracking With Heading in Maps to hear street names and points of interest as you approach them.

Edit videos and voice memos with VoiceOver

You can use VoiceOver gestures to trim Camera videos and Voice Memo recordings.

Trim a video. While viewing a video in Photos, double-tap the screen to display the video controls, then select the beginning or end of the trim tool. Then swipe up to drag to the right, or swipe down to drag to the left. VoiceOver announces the amount of time the current position will trim from the recording. To complete the trim, select Trim, then double-tap.

Trim a voice memo. Select the memo in Voice Memos, tap Edit, then tap Start Trimming. Select the beginning or end of the selection, double-tap and hold, then drag to adjust. VoiceOver announces the amount of time the current position will trim from the recording. Tap Play to preview the trimmed recording. When you've got it the way you want it, tap Trim.

Zoom

Many apps let you zoom in or out on specific items. For example, you can double-tap or pinch to look closer in Photos or expand webpage columns in Safari. There's also a general Zoom feature that lets you magnify the screen no matter what you're doing. You can zoom the entire screen (Full Screen Zoom) or zoom part of the screen in a resizable window and leave the rest of the screen unmagnified (Window Zoom). And, you can use Zoom together with VoiceOver.

Turn Zoom on or off. Go to Settings > General > Accessibility, then turn Zoom on or off. Or use the Accessibility Shortcut. See [Accessibility Shortcut](#).

Zoom in or out. With Zoom turned on, double-tap the screen with three fingers.

Adjust the magnification. Double-tap with three fingers, then drag up or down. This gesture is similar to a double-tap, except you don't lift your fingers after the second tap—instead, drag your fingers on the screen. You can also triple-tap with three fingers, then drag the Zoom Level slider in the zoom controls that appear. To limit the maximum magnification, go to Settings > General > Accessibility > Zoom, then drag the Maximum Zoom Level slider all the way to the left.

Pan to see more. Drag the screen with three fingers. Or, hold your finger near the edge of the screen to pan to that side. Move your finger closer to the edge to pan more quickly.

Switch between Full Screen Zoom and Window Zoom. Triple-tap with three fingers, then tap Window Zoom or Full Screen Zoom in the zoom controls that appear. To choose the mode that's used when you turn on Zoom, go to Settings > General > Accessibility > Zoom > Zoom Region.

Resize the zoom window (Window Zoom). Triple-tap with three fingers, tap Resize Lens, then drag any of the round handles that appear.

Move the zoom window (Window Zoom). Drag the handle at the bottom of the zoom window.

Show the zoom controller. Go to Settings > General > Accessibility > Zoom, then turn on Show Controller, or triple-tap with three fingers, then choose Show Controller. Then you can double-tap the floating Zoom Controls button to zoom in or out, single-tap the button to display the zoom controls, or drag it to pan. To move the Zoom Controls button, touch and hold the button, then drag it to a new location. To adjust the transparency of the zoom controller, go to Settings > General > Accessibility > Zoom > Idle Visibility.

Have Zoom track your selections or the text insertion point. Go to Settings > General > Accessibility > Zoom, then turn on Follow Focus. Then, for example, if you use VoiceOver, the zoom window magnifies each element on the screen as you select it.

Zoom in on your typing without magnifying the keyboard. Go to Settings > General > Accessibility > Zoom, then turn on Follow Focus. When you zoom in while typing (in Messages or Notes, for example), the area immediately around the text you type is magnified while all of the keyboard remains visible. Turn on Smart Typing, and the entire window (except the keyboard) is magnified.

Display the magnified part of the screen in grayscale or inverted color. Go to Settings > General > Accessibility > Zoom > Zoom Filter, then choose an option. Or triple-tap with three fingers, then tap Choose Filter in the zoom controls that appear.

While using Zoom with an Apple Wireless Keyboard, the screen image follows the insertion point, keeping it in the center of the display. See [Use an Apple Wireless Keyboard](#).

If you have iPhone 6 or iPhone 6 Plus or later, you can turn on Display Zoom to see larger onscreen controls. Go to Settings > Display & Brightness > View.

Invert Colors and Grayscale

Sometimes, inverting the colors or changing to grayscale on the iPhone screen makes it easier to read.

Invert the screen colors. Go to Settings > General > Accessibility, then turn on Invert Colors.

See the screen in grayscale. Go to Settings > General > Accessibility, then turn on Grayscale.

Turn on both effects to see inverted grayscale. You can also apply these effects to just the contents of the zoom window—see [Zoom](#).

Speak Selection

Even with VoiceOver turned off, you can have iPhone read aloud any text you select. iPhone analyzes the text to determine the language, then reads it to you using the appropriate pronunciation.

Have selected text read to you. Go to Settings > General > Accessibility > Speech, then turn on Speak Selection. There you can also:

- Adjust the speaking rate
- Choose to have individual words highlighted as they're read

Have text read to you. Select the text, then tap Speak.

You can also have iPhone read the entire screen to you. See [Speak Screen](#).

Speak Screen

iPhone can read the contents of the screen to you, even if you don't use VoiceOver.

Turn on Speak Screen. Go to Settings > General > Accessibility > Speech.

Have iPhone speak the screen. Swipe down from the top of the screen with two fingers. Use the controls that appear to pause speaking or adjust the rate.

Highlight what's being spoken. Turn on Highlight Content (a command that appears when you turn on Speak Screen), and text is highlighted as it's spoken.

Ask Siri. Say "speak screen."

You can also have iPhone read just text you select—see [Speak Selection](#).

Speak Auto-text

Speak Auto-text speaks the text corrections and suggestions iPhone makes when you type.

Turn on Speak Auto-text. Go to Settings > General > Accessibility > Speech.

Speak Auto-text also works with VoiceOver and Zoom.

Large, bold, and high-contrast text

Display larger text in apps such as Settings, Calendar, Contacts, Mail, Messages, and Notes. Go to Settings > General > Accessibility > Larger Text, then turn on Larger Accessibility Sizes.

Display bolder text on iPhone. Go to Settings > General > Accessibility, then turn on Bold Text.

Increase text contrast where possible. Go to Settings > General > Accessibility, then turn on Increase Contrast.

Button Shapes

iPhone can add a colored background shape or an underline to buttons so they're easier to see.

Emphasize buttons. Go to Settings > General > Accessibility, then turn on Button Shapes.

Reduce screen motion

You can stop the movement of some screen elements, for example, the parallax effect of icons and alerts against the wallpaper, or motion transitions.

Reduce motion. Go to Settings > General > Accessibility, then turn on Reduce Motion.

On/off switch labels

To make it easier to see whether a setting is on or off, you can have iPhone show an additional label on on/off switches.

Add switch-setting labels. Go to Settings > General > Accessibility, then turn on the On/Off Labels switch.

Assignable ringtones and vibrations

You can assign distinctive ringtones to people in your contacts list for audible caller ID. You can also assign vibration patterns for notifications from specific apps, for phone calls, for FaceTime calls or messages from special contacts, and to alert you of a variety of other events, including new voicemail, new mail, sent mail, Tweet, Facebook Post, and reminders. Choose from existing patterns, or create new ones. See [Sounds and silence](#).

You can purchase ringtones from the iTunes Store on iPhone. See [iTunes Store at a glance](#).

Audio Descriptions

Audio Descriptions provides an audible description of video scenes. If you have a video that includes audio descriptions, iPhone can play them for you.

Hear audio descriptions. Go to Settings > General > Accessibility > Audio Descriptions, then turn on Prefer Audio Descriptions.

Hearing aids

Made for iPhone hearing aids

If you have Made for iPhone hearing aids, you can use iPhone to adjust their settings, stream audio, or use iPhone as a remote mic.

Pair with iPhone. If your hearing aids aren't listed in Settings > General > Accessibility > Hearing Aids, you need to pair them with iPhone. To start, open the battery door on each hearing aid. Next, on iPhone, go to Settings > Bluetooth, then make sure Bluetooth is turned on. Then go to Settings > General > Accessibility > Hearing Aids. Close the battery doors on your hearing aids and wait until their name appears in the list of devices (this could take a minute). When the name appears, tap it and respond to the pairing request.


When pairing is finished, you hear a series of beeps and a tone, and a checkmark appears next to the hearing aids in the Devices list. Pairing can take as long as 60 seconds—don't try to stream audio or otherwise use the hearing aids until pairing is finished.

You should only need to pair once (and your audiologist might do it for you). After that, each time you turn your hearing aids back on, they reconnect to iPhone.

Adjust hearing aid settings and view status. Go to Settings > General > Accessibility > Hearing Aids, or choose Hearing Aids from the Accessibility Shortcut. See [Accessibility Shortcut](#). Hearing aid settings appear only after you pair your hearing aids with iPhone.

For shortcut access from the Lock screen, go to Settings > General > Accessibility > Hearing Aids, then turn on Control on Lock Screen. Use the settings to:

- Check hearing aid battery status.
- Adjust ambient microphone volume and equalization.
- Choose which hearing aids (left, right, or both) receive streaming audio.
- Control Live Listen.
- Choose whether call audio and media audio are routed to the hearing aid.
- Choose to play ringtones through the hearing aid. (Not all hearing aids support this feature.)

Stream audio to your hearing aids. Stream audio from Phone, Siri, Music, Videos, and more by choosing your hearing aids from the AirPlay menu .

Use iPhone as a remote microphone. You can use Live Listen to stream sound from the microphone in iPhone to your hearing aids. This can help you hear better in some situations by positioning iPhone nearer the sound source. Triple-click the Home button, choose Hearing Aids, then tap Start Live Listen.

Use your hearing aids with more than one iOS device. If you pair your hearing aids with more than one iOS device (both iPhone and iPad, for example), the connection for your hearing aids automatically switches from one to the other when you do something that generates audio on the other device, or when you receive a phone call on iPhone. Changes you make to hearing aid settings on one device are automatically sent to your other iOS devices. To take advantage of this, all of the devices must be on the same Wi-Fi network and signed in to iCloud using the same Apple ID.

Hearing Aid Mode

iPhone has a Hearing Aid Mode that, when activated, may reduce interference with some hearing aid models. Hearing Aid Mode reduces the transmission power of the cellular radio in the GSM 1900 MHz band and may result in decreased 2G cellular coverage.

Turn on Hearing Aid Mode. Go to Settings > General > Accessibility > Hearing Aids.

Hearing aid compatibility

The FCC has adopted hearing aid compatibility (HAC) rules for digital wireless phones. These rules require certain phones to be tested and rated under the American National Standard Institute (ANSI) C63.19-2007 or C63.19-2011 hearing aid compatibility standards.

The ANSI standard for hearing aid compatibility contains two types of ratings:

- An “M” rating for reduced radio frequency interference to enable acoustic coupling with hearing aids that are not operating in telecoil mode
- A “T” rating for inductive coupling with hearing aids operating in telecoil mode

These ratings are given on a scale from one to four, where four is the most compatible. A phone is considered hearing aid compatible under FCC rules if it is rated M3 or M4 for acoustic coupling and T3 or T4 for inductive coupling.

For iPhone hearing aid compatibility ratings, see www.apple.com/support/hac.

Hearing aid compatibility ratings don’t guarantee that a particular hearing aid works with a particular phone. Some hearing aids may work well with phones that don’t meet particular ratings. To ensure interoperability between a hearing aid and a phone, try using them together before purchase.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or Apple for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.


Mono audio and balance

Mono Audio combines the sound from the left and right channels into a mono signal played on both channels. This way you can hear everything with either ear, or through both ears with one channel set louder.

Turn on Mono Audio. Go to Settings > General > Accessibility.


Adjust the balance. Go to Settings > General > Accessibility, then drag the Left Right Stereo Balance slider.

Subtitles and closed captions

The Videos app includes an Alternate Track button  you can tap to choose subtitles and captions offered by the video you’re watching. Standard subtitles and captions are usually listed, but if you prefer special accessible captions, such as subtitles for the deaf and hard of hearing (SDH), you can set iPhone to list them instead, if they’re available.

Prefer accessible subtitles and closed captions for the hard of hearing in the list of available subtitles and captions. Go to Settings > General > Accessibility > Subtitles & Captioning, then turn on Closed Captions + SDH. This also turns on subtitles and

captions in the Videos app.

Choose from available subtitles and captions. Tap  while watching a video in Videos.

Customize your subtitles and captions. Go to Settings > General > Accessibility > Subtitles & Captioning > Style, where you can choose an existing caption style or create a new style based on your choice of:

- Font, size, and color
- Background color and opacity
- Text opacity, edge style, and highlight

Not all videos include closed captions.

Siri

Siri is often the easiest way to start using accessibility features with iPhone. With Siri, you can open apps, turn many settings on or off (for example, VoiceOver), or use Siri for what it does best—acting as your assistant. Siri knows when VoiceOver is on, so will often read more information back to you than appears on the screen. You can also use VoiceOver to read what Siri shows on the screen. See [Make requests](#).

3D Touch

On iPhone 6s and iPhone 6s Plus, you can control the sensitivity of 3D Touch or turn it off.

Adjust 3D Touch sensitivity. Go to Settings > General > Accessibility, then choose Light, Medium, or Firm sensitivity to adjust the amount of pressure needed to activate 3D Touch. Light sensitivity reduces the amount of pressure required; Firm sensitivity increases it.

Turn off 3D Touch. Go to Settings > General > Accessibility, then turn off 3D Touch.

Widescreen keyboards

Many apps, including Mail, Safari, Messages, Notes, and Contacts, let you rotate iPhone when you're typing, so you can use a larger keyboard.

Large phone keypad

Make phone calls simply by tapping entries in your contacts and favorites lists. When you need to dial a number, the large numeric keypad on iPhone makes it easy. See [Make a call](#).

LED Flash for Alerts

If you can't hear the sounds that announce incoming calls and other alerts, you can have iPhone flash its LED (next to the camera lens on the back of iPhone). This works only when iPhone is locked or asleep.

Note: This is a great feature for all users who, when in a loud environment, may miss the tones associated with calls, texts, and other alerts.

Turn on LED Flash for Alerts. Go to Settings > General > Accessibility > LED Flash for Alerts.

Call audio routing

You can have the audio of incoming or outgoing calls automatically routed through a headset or speaker phone instead of iPhone.

Reroute audio for calls. Go to Settings > General > Accessibility > Call Audio Routing, then choose how you want to hear and speak your calls.

You can also have audio from calls routed to your hearing aids; see [Hearing aids](#).

Phone noise cancelation

iPhone uses ambient noise cancelation to reduce background noise.

Turn noise cancelation on or off. Go to Settings > General > Accessibility > Phone Noise Cancelation.

Guided Access

Guided Access helps an iPhone user stay focused on a task. Guided Access dedicates iPhone to a single app, and lets you control which app features are available. Use Guided Access to:

- Temporarily restrict iPhone to a particular app
- Disable areas of the screen that aren't relevant to a task, or areas where an accidental gesture might cause a distraction

- Limit how long someone can use an app
- Disable the iPhone Sleep/Wake or volume buttons

Use Guided Access. Tell Siri “turn on Guided Access” or go to Settings > General > Accessibility > Guided Access, then turn on Guided Access. Within the Guided Access screen you can:

- Turn Guided Access on or off
- Tap Passcode Settings to set a passcode that controls the use of Guided Access (preventing someone from leaving a session), and turn on Touch ID (as a way to end Guided Access)
- Tap Time Limits to set a sound or have the remaining Guided Access time spoken before time ends
- Set whether other accessibility shortcuts are available during a session

Start a Guided Access session. After turning on Guided Access, open the app you want to run, then triple-click the Home button. Adjust settings for the session, then tap Start.

- *Disable app controls and areas of the app screen:* Draw a circle or rectangle around any part of the screen you want to disable. Drag the mask into position or use the handles to adjust its size.
- *Enable the Sleep/Wake or volume buttons:* Tap Options below Hardware Buttons.
- *Keep iPhone from switching from portrait to landscape or from responding to other motions:* Tap Options, then turn off Motion.
- *Prevent typing:* Tap Options, then turn off Keyboards.
- *Ignore all screen touches:* Turn off Touch at the bottom of the screen.
- *Set a session time limit:* Tap Time Limit Options at the bottom of the screen.

End the session. Triple-click the Home button, then enter the Guided Access passcode, or use Touch ID (if enabled).

Switch Control

Switch Control

Switch Control lets you control iPhone using a single switch or multiple switches. Use any of several methods to perform actions such as selecting, tapping, pressing, dragging, typing, and even free-hand drawing. The basic technique is to use a switch to select an item or location on the screen, and then use the same (or different) switch to choose an action to perform on that item or location. Three basic methods are:

- *Item scanning (default)*, which highlights different items on the screen until you select one.
- *Point scanning*, which lets you use scanning crosshairs to pick a screen location.
- *Manual selection*, which lets you move from item to item on demand (requires multiple switches).

Whichever method you use, when you select an individual item (rather than a group), a menu appears so you can choose how to act on the selected item (tap, press, drag, or pinch, for example).

If you use multiple switches, you can set up each switch to perform a specific action and customize your item selection method. For example, instead of automatically scanning screen items, you can set up switches to move to the next or previous item on demand.

You can adjust the behavior of Switch Control in a variety of ways, to suit your specific needs and style.

Add a switch and turn on Switch Control

You can use any of these as a switch:

- *An external adaptive switch*: Choose from a variety of popular USB or Bluetooth switches.
- *The iPhone screen*: Tap the screen to trigger the switch. (Or, on iPhone 6s and iPhone 6s Plus, press the screen.)
- *The iPhone FaceTime camera*: Move your head to trigger the switch. You can use the camera as two switches: one switch triggers when you move your head to the left, and the other when you move your head to the right.

Add a switch and choose its action. Go to Settings > General > Accessibility > Switch Control > Switches. If you use only one switch, it is your Select Item switch by default.

If you're adding an external switch, you need to connect it to iPhone before it will appear in the list of available switches. Follow the instructions that came with the switch. If it connects using Bluetooth, you need to pair it with iPhone—turn on the switch, go to Settings > Bluetooth, tap the switch, then follow the onscreen instructions. For more information, see [Bluetooth devices](#).

Turn on Switch Control. Go to Settings > General > Accessibility > Switch Control, then turn on Switch Control. Or triple-click the Home button. See [Accessibility Shortcut](#).

Turn off Switch Control. Use any scanning method to select and tap Settings > General > Accessibility > Switch Control, then turn off Switch Control. Or triple-click the Home button.

Basic techniques

Whether you use item scanning or point scanning, the Switch Control basics are the same.

Select an item. While the item is highlighted, trigger the switch you've set up as your Select Item switch. If you are using a single switch, it is your Select Item switch by default.

Perform an action on the selected item. Choose a command from the control menu that appears when you select the item. The layout of the menu depends on how you configure tap behavior. (To choose an option, go to Settings > General > Accessibility > Switch Control > Tap Behavior.)

- *With Default on:* The control menu usually includes only the Tap button and the More button (two dots at the bottom). If you're in a scrollable area of the screen, a Scroll button also appears. To tap the highlighted item, trigger your Select Item button when Tap is highlighted. To see additional action buttons, choose More at the bottom of the menu. If you have multiple switches, you can set one up specifically for tapping.
- *With Auto Tap on:* To tap the item, do nothing—the item is automatically tapped when the Auto Tap interval expires (0.75 seconds if you haven't changed it). To see the control menu, trigger your Select Item button before the Auto Tap interval expires. The control menu skips the Tap button and goes right to the full set of action buttons.
- *With Always Tap on:* Tap to select the highlighted item rather than display the control menu. Wait until the end of the scan cycle, then tap a button to display the control menu.

Note: Always Tap applies only when you choose item scanning. When point scanning, the default behavior applies.

Work with recipes. A recipe lets you temporarily assign a special action to a switch. For example, you can choose a recipe to turn pages in iBooks or control a game. To use a recipe, go to Settings > General > Accessibility > Switch Control > Recipes, then choose a recipe.

Dismiss the control menu without choosing an action. Tap while the original item is highlighted and all the icons in the control menu are dimmed. Or choose Escape from the control menu. The menu goes away after cycling the number of times you specify at Settings > General > Accessibility > Switch Control > Loops.

Perform screen gestures. Choose Gestures from the control menu.

Scroll the screen. Select an item in a scrollable part of the screen, then:

- *With Auto Tap off:* Choose the Scroll Down button (next to the Tap button) in the control menu. Or, for more scrolling options, choose More, then choose Scroll.
- *With Auto Tap on:* Choose Scroll from the control menu. If many actions are available, you might have to choose More first.

Tap the Home button. Choose Home from the control menu.

Perform other hardware actions. Select any item, then choose Device from the menu that appears. Use the menu to mimic these actions:

- Double-click the Home button for multitasking
- Open Notification Center or Control Center
- Press the Sleep/Wake button to lock iPhone
- Rotate iPhone
- Flip the Ring/Silent switch
- Press the volume buttons
- Hold down the Home button to open Siri
- Triple-click the Home button
- Shake iPhone
- Press the Home and Sleep/Wake buttons simultaneously to take a screenshot
- Swipe down from the top with two fingers to speak the screen (if you have Speak Screen turned on)
- On iPhone 6s and iPhone 6s Plus, replicate 3D Touch to preview the contents of an email message

Item scanning

Item scanning alternately highlights each item or group of items on the entire screen until you trigger your Select Item switch. If there are many items, Switch Control highlights them in groups. When you select a group, highlighting continues with the items in the group. When you select a unique item, scanning stops and the control menu appears. Item scanning is the default when you first turn on Switch Control.

You can choose from three scanning styles—auto scanning, manual scanning, and single-switch step scanning. Auto scanning automatically highlights items, one after the other. With manual scanning, you use one switch to highlight an item and another to activate it. Single-switch step scanning uses a switch to move the highlight from item to item. If you take no action after a period of time, the highlighted item activates.

Select an item or enter a group. Watch (or listen) as items are highlighted. When the item you want to control (or the group containing the item) is highlighted, trigger your Select Item switch. Work your way down in the hierarchy of items until you select the individual item you want to control.

Back out of a group. Trigger your Select Item switch when the dashed highlight around the group or item appears.

Dismiss the control menu without performing an action. Trigger your Select Item switch when the item itself is highlighted. Or choose Escape from the control menu.

Hear the names of items as they are highlighted. Go to Settings > General > Accessibility > Switch Control, then turn on Speech. Or choose Settings from the control menu, then choose Speech On.

Slow down or speed up the scanning. Go to Settings > General > Accessibility > Switch Control > Auto Scanning Time.

Point scanning

Point scanning lets you select an item on the screen by pinpointing it with scanning crosshairs.

Switch to point scanning. Use item scanning to choose Point Mode from the control menu. The vertical crosshair appears when you close the menu.

Select an item. Trigger your Select Item switch when the item you want is within the broad, horizontal scanning band, then trigger again when the fine scanning line is on the item. Repeat for vertical scanning.

Refine your selection point. Choose Refine Selection from the control menu.

Return to item scanning. Choose Item Mode from the control menu.

Settings and adjustments

Adjust basic settings. Go to Settings > General > Accessibility > Switch Control, where you can:

- Add switches and specify their function
- Choose, create, and edit recipes
- Choose a scanning style
- Adjust how rapidly items are scanned
- Turn off auto scanning (only if you've added a Move to Next Item switch)
- Set scanning to pause on the first item in a group
- Choose how many times to cycle through the screen before hiding Switch Control
- Choose a tap behavior and set the interval for performing a second switch action to show the control menu
- Set whether a movement action is repeated when you hold down a switch, and how long to wait before repeating
- Add another action to a switch by holding down the switch for a long duration
- Choose which items appear in menus and the order in which they appear
- Set whether and how long you need to hold a switch down before it's accepted as a switch action
- Have Switch Control ignore accidental repeated switch triggers
- Adjust the point scanning speed
- Turn on sound effects or have items read aloud as they are scanned
- Choose what to include in the Switch Control menu
- Set whether items should be grouped while item scanning
- Make the selection cursor larger or a different color
- Save custom gestures to the control menu (in Gestures > Saved)

Fine-tune Switch Control. Choose Settings from the control menu to:

- Adjust scanning speed
- Change the location of the control menu

- Turn sound or speech accompaniment on or off
- Turn off groups to scan items one at a time

AssistiveTouch

AssistiveTouch helps you use iPhone if you have difficulty touching the screen or pressing the buttons. You can use AssistiveTouch without any accessory to perform gestures that are difficult for you. You can also use a compatible adaptive accessory (such as a joystick) together with AssistiveTouch to control iPhone. To configure the AssistiveTouch menu, go to Settings > General > Accessibility > AssistiveTouch.

The AssistiveTouch menu lets you perform actions such as these by just tapping (or the equivalent on your accessory):

- Press the Home button
- Summon Siri
- Perform multi-finger gestures
- Access Control Center or Notification Center
- Adjust iPhone volume
- Shake iPhone
- Capture a screenshot
- Add more actions (for a total of eight)
- Double-tap
- On iPhone 6s and iPhone 6s Plus, replicate 3D Touch to peek at previews and pop open items

Turn on AssistiveTouch. Tell Siri “turn on AssistiveTouch,” go to Settings > General > Accessibility > AssistiveTouch, or use the Accessibility Shortcut. See [Accessibility Shortcut](#). When AssistiveTouch is on, the floating menu button appears on the screen.

Show or hide the menu. Tap the floating menu button, or click the secondary button on your accessory.

Simulate pressing the Home button. Tap the menu button, then tap Home.

Lock or rotate the screen, adjust iPhone volume, or simulate shaking iPhone. Tap the menu button, then tap Device.

Perform a swipe or drag that uses 2, 3, 4, or 5 fingers. Tap the menu button, tap Device > More > Gestures, then tap the number of digits needed for the gesture. When the corresponding circles appear on the screen, swipe or drag in the direction required by the gesture. When you finish, tap the menu button.

Perform a pinch gesture. Tap the menu button, tap Custom, then tap Pinch. When the pinch circles appear, touch anywhere on the screen to move the pinch circles, then drag them in or out to perform a pinch gesture. When you finish, tap the menu button.

Create your own gesture. You can add your own favorite gestures to the control menu (for example, touch and hold or two-finger rotation). Tap the menu button, tap Custom, then tap an empty gesture placeholder. Or go to Settings > General > Accessibility > AssistiveTouch > Create New Gesture.

Example 1: To create the rotation gesture, go to Settings > General > Accessibility > AssistiveTouch > Create New Gesture. On the gesture recording screen that asks you to touch to create a gesture, rotate two fingers on the iPhone screen around a point between them. (You can do this with a single finger or stylus—just create each arc separately, one after the other.) If it doesn't turn out quite right, tap Cancel, then try again. When it looks right, tap Save, then give the gesture a name—maybe "Rotate 90." Then, to rotate the view in Maps, for example, open Maps, tap the AssistiveTouch menu button, and choose Rotate 90 from Custom. When the blue circles representing the starting finger positions appear, drag them to the point around which you want to rotate the map, then release. You might want to create several gestures with different degrees of rotation.

Example 2: Let's create the touch-and-hold gesture that you use to start rearranging icons on your Home screen. This time, on the gesture recording screen, hold down your finger in one spot until the recording progress bar reaches halfway, then lift your finger. Be careful not to move your finger while recording, or the gesture will be recorded as a drag. Tap Save, then name the gesture. To use the gesture, tap the AssistiveTouch menu button, then choose your gesture from Custom. When the blue circle representing your touch appears, drag it over a Home screen icon and release.

If you record a sequence of taps or drags, they're all played back at the same time. For example, using one finger or a stylus to record four separate, sequential taps at four locations on the screen creates a simultaneous four-finger tap.

Exit a menu without performing a gesture. Tap anywhere outside the menu. To return to the previous menu, tap the arrow in the middle of the menu.

Move the menu button. Drag it anywhere along the edge of the screen.

Adjust your accessory tracking speed. Go to Settings > General > Accessibility > AssistiveTouch > Touch speed.

Hide the menu button (with an accessory attached). Go to Settings > General > Accessibility > AssistiveTouch > Always Show Menu.

Touch Accommodations

If you have trouble using the touchscreen, use Touch Accommodations to change how the screen responds to touches.

Choose how long you must touch the screen before a touch is recognized. Go to Settings > General > Accessibility > Touch Accommodations, turn on Hold Duration, then choose a duration (the default is 0.10 seconds).

Choose the duration in which multiple touches are treated as a single touch. Go to Settings > General > Accessibility > Touch Accommodations, turn on Ignore Repeat, then adjust the timing.

Choose the location where iPhone registers a tap. Go to Settings > General > Accessibility > Touch Accommodations, then choose a Tap Assistance option (Use Initial Touch Location or Use Final Touch Location).

When you choose Use Initial Touch Location, iPhone uses the location of your first tap—when you tap an app on the Home screen, for example. Choose Use Final Touch Location, and iPhone registers the tap where you lift your finger.

Software and hardware keyboards


If you have difficulty distinguishing characters on the iPhone keyboard or manipulating a hardware keyboard, find help by going to Settings > General > Accessibility > Keyboard. You can adjust settings to:

- Show only uppercase keys on the iPhone keyboard.
- Adjust the key repeat rate on hardware keyboards.
- Use the Sticky Keys feature to hold down modifier keys, such as Command and Option, as you press another key.
- Adjust the time between when a key is pressed and when it's activated.

TTY support

You can use the iPhone TTY Adapter cable (sold separately in many areas) to connect iPhone to a TTY machine. Go to www.apple.com (may not be available in all areas) or check with your local Apple retailer.

Connect iPhone to a TTY machine. Go to Settings > Phone, then turn on TTY. Then connect iPhone to your TTY machine using the iPhone TTY Adapter.

When TTY on iPhone is turned on, the TTY icon  appears in the status bar at the top of the screen. For information about using a particular TTY machine, see the documentation that came with the machine.

Note: Continuity features are not available for TTY support.

Visual voicemail

Ask Siri. Say something like:

- “Play my voicemail”
- “Play the message again”
- “Call back that number”

The play and pause controls in visual voicemail let you control the playback of messages. Drag the playhead on the scrubber bar to repeat a portion of the message that’s hard to understand. See [Visual voicemail](#).

Voice Control

Voice Control lets you make phone calls and control Music playback using voice commands. See [Make a call](#), and [Siri and Voice Control](#).

Accessibility in OS X

Take advantage of the accessibility features in OS X when you use iTunes to sync information and content from your iTunes library to iPhone. In the Finder, choose Help > Help Center (or Help > Mac Help in OS X El Capitan), then search for “accessibility.”

For more information about iPhone and OS X accessibility features, go to www.apple.com/accessibility.

iPhone in business

iPhone in the enterprise

With support for secure access to corporate networks, directories, custom apps, and Microsoft Exchange, iPhone is ready to go to work. For detailed information, go to www.apple.com/iphone/business.

Mail, Contacts, and Calendar

To use your work accounts, you need to know the settings your organization requires. If you received your iPhone from your organization, the settings and apps you need might already be installed. If it's your own iPhone, your system administrator may provide you with the settings for you to enter, or have you connect to a *mobile device management* server that installs the settings and apps you should have.

Organizational settings and accounts are typically in *configuration profiles*. You might be asked to install a configuration profile that was sent to you in an email, or one that is downloaded from a webpage. When you open the file, iPhone asks for your permission to install the profile, and displays information about what it contains.

In most cases, when you install a configuration profile that sets up an account for you, some settings can't be changed. For example, your organization might turn on Auto-Lock and require you to set a passcode in order to protect the information in the accounts you access.

You can see your profiles in Settings > General > Profiles. If you delete a profile, all of the settings and accounts associated with the profile are also removed, including any custom apps your organization provided or had you download. If you need a passcode to delete a profile, contact your system administrator.

Network access

A VPN (virtual private network) provides secure access over the Internet to private resources, such as your organization's network. You may need to install a VPN app from the App Store that configures your iPhone to access a particular network. Contact your system administrator for information about apps and settings you need.

Apps

In addition to the built-in apps and the ones you get from the App Store, your organization may want you to have certain other apps. They might provide you with a pre-paid redemption code for the App Store. When you download an app using a redemption code, you own it, even though your organization purchased it for you.

Your organization can also purchase App Store app licenses that are assigned to you for a period of time, but that the organization retains. You'll be invited to participate in your organization's program in order to access these apps. After you enroll with your Apple ID, you're asked to install these apps as they're assigned to you. You can also find them in your Purchased list in the App Store. An app you receive this way is removed if the organization assigns it to someone else.

Your organization might also develop custom apps that aren't in the App Store. You install them from a webpage or, if your organization uses mobile device management, you receive a notification asking you to install them over the air. These apps belong to your organization, and they may be removed or stop working if you delete a configuration profile or dissociate iPhone from the mobile device management server.



Draft

International keyboards



Use international keyboards



International keyboards let you type text in many different languages, including Asian languages and languages written from right to left. For a list of supported keyboards, go to www.apple.com/iphone, choose your iPhone, click Tech Specs, then scroll to Languages.

Manage keyboards. Go to Settings > General > Keyboard > Keyboards.

- *Add a keyboard:* Tap Add New Keyboard, then choose a keyboard from the list. Repeat to add more keyboards.
- *Remove a keyboard:* Tap Edit, tap  next to the keyboard you want to remove, tap Delete, then tap Done.
- *Edit your keyboard list:* Tap Edit, drag  next to a keyboard to a new place in the list, then tap Done.

To enter text in a different language, switch keyboards.

Switch keyboards while typing. Touch and hold  to show all your enabled keyboards. To choose a keyboard, slide your finger to the name of the keyboard. The Globe key  appears only if you enable more than one keyboard.

You can also just tap . When you tap , the name of the newly activated keyboard appears briefly. Continue tapping to access other enabled keyboards.

Many keyboards provide letters, numbers, and symbols that aren't visible on the keyboard.

Enter accented letters or other characters. Touch and hold the related letter, number, or symbol, then slide to choose a variant. For example:

- *On a Thai keyboard:* Choose native numbers by touching and holding the related Arabic number.
- *On a Chinese, Japanese, or Arabic keyboard:* Suggested characters or candidates appear at the top of the keyboard. Tap a candidate to enter it, or swipe left to see more candidates.

Use the extended suggested candidate list. Tap the up arrow on the right to view the full candidate list.

- *Scroll the list:* Swipe up or down.

- *Return to the short list:* Tap the down arrow.

When using certain Chinese or Japanese keyboards, you can create a shortcut (text replacement) for word and input pairs. The shortcut is added to your personal dictionary. When you type a shortcut while using a supported keyboard, the paired word or input is substituted for the shortcut.

Create shortcuts. Go to Settings > General > Keyboard > Text Replacement. Shortcuts are available for:

- *Simplified Chinese:* Pinyin
- *Traditional Chinese:* Pinyin and Zhuyin
- *Japanese:* Romaji and Kana

Reset your personal dictionary. Go to Settings > General > Reset > Reset Keyboard Dictionary. All custom words and shortcuts are deleted, and the keyboard dictionary returns to its default state.

Special input methods

You can use keyboards to enter some languages in different ways. A few examples are Chinese Cangjie and Wubihua, Japanese Kana, and Facemarks. You can also use your finger or a stylus to write Chinese characters on the screen.

Build Chinese characters from the component Cangjie keys. As you type, suggested characters appear. Tap a character to choose it, or continue typing up to five components to see more options.

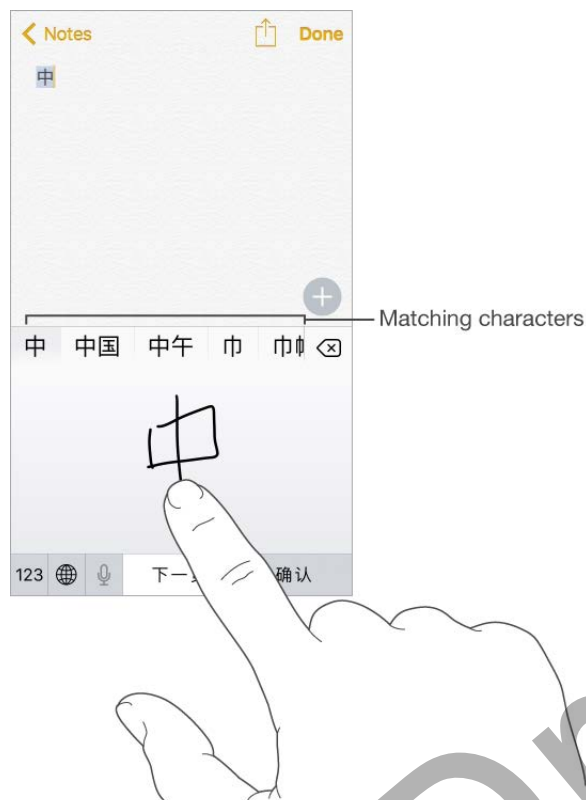
Build Chinese Wubihua (stroke) characters. Use the keypad to build Chinese characters using up to five strokes, in the correct writing sequence: horizontal, vertical, left falling, right falling, and hook. For example, the Chinese character 圈 (circle) should begin with the vertical stroke | .

- As you type, suggested Chinese characters appear (the most commonly used characters appear first). Tap a character to choose it.
- If you're not sure of the correct stroke, enter an asterisk (*). To see more character options, type another stroke, or scroll through the character list.
- Tap the match key (匹配) to show only characters that match exactly what you typed.

Write Chinese characters. Write Chinese characters directly on the screen with your finger when Simplified or Traditional Chinese handwriting input is turned on.

On iPhone 6s and iPhone 6s Plus, press a little deeper as you write to increase the line width of your character strokes.

As you write character strokes, iPhone recognizes them and shows matching characters in a list, with the closest match at the top. When you choose a character, its likely follow-on characters appear in the list as additional choices.



You can type some complex characters, such as 鱻 (part of the name for the Hong Kong International Airport), by writing two or more component characters in sequence. Tap the character to replace the characters you typed. Roman characters are also recognized.

Type Japanese kana. Use the Kana keypad to select syllables. For more syllable options, drag the list to the left or tap the arrow key.

Type Japanese romaji. Use the Romaji keyboard to type syllables. Alternative choices appear along the top of the keyboard; tap one to type it. For more syllable options, tap the arrow key and select another syllable or word from the window.

Type facemarks or emoticons. Use the Japanese Kana keyboard and tap the $\hat{_}$ key. Or you can:

- Use the Japanese Romaji keyboard (QWERTY-Japanese layout): Tap 123, then tap the $\hat{_}$ key.
- Use the Chinese (Simplified or Traditional) Pinyin or (Traditional) Zhuyin keyboard: Tap #+=, then tap the $\hat{_}$ key.

CarPlay

About CarPlay

CarPlay puts key iPhone apps—the ones you want to use while driving—on your car’s built-in display. With CarPlay, you can get turn-by-turn directions, make phone calls, exchange text messages, listen to music, and more. CarPlay uses the contacts on your iPhone to help you make calls, send texts, and find directions.

CarPlay is available on select automobiles and after-market navigation systems, and works with iPhone 5 and later.

Note: CarPlay is available only in certain areas. Siri must be enabled on your iPhone. Go to Settings > General > Siri.

WARNING: For important information about avoiding distractions that could lead to dangerous situations, see [Important safety information](#).

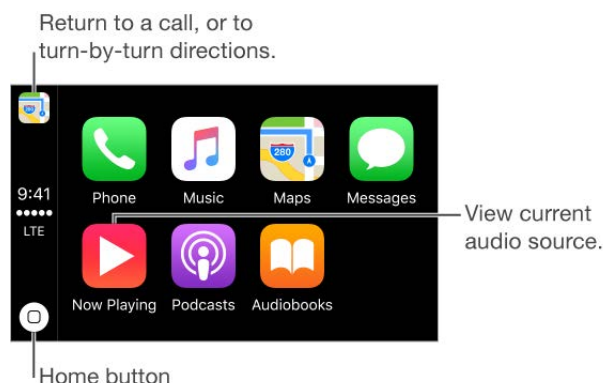
You operate CarPlay using your car’s built-in controls—a touchscreen, a rotary knob controller, or both. To learn how to operate your display, see the owner’s guide that came with your car.

Or just use Siri voice control to tell CarPlay what you want. In fact, Siri often steps in automatically to help you, depending on the app you’re using.

Get started

Use an Apple-approved Lightning to USB cable to connect iPhone to your car’s USB port. It may be labeled with the CarPlay logo, the word *CarPlay*, or an image of a smartphone. If your car supports wireless CarPlay, press and hold the voice control button on your steering wheel to start the CarPlay setup.

Depending on your car, the CarPlay Home screen may appear automatically.



If the CarPlay Home screen does not appear, select the CarPlay logo on your car's display.



Connect wirelessly to CarPlay. First, make sure your car is in wireless or Bluetooth pairing mode (see the owner's guide). On iPhone, go to Settings > General > CarPlay > Available Cars, then choose your car.

Speak to Siri. Press and hold the voice control button on the steering wheel, or touch and hold the Home button on the CarPlay Home screen, until Siri beeps. Then make your request.

Open an app. Tap the app on the touchscreen. Or twist the rotary knob to select the app, then press down on the knob.

Return to the CarPlay Home screen. Tap the Home button on the touchscreen. Or press the "back" button near the rotary knob until you get back to the Home screen.

Return to your car's Home screen. Tap the gray icon with your car's logo if it appears, or press the physical Home button on your radio if your car has one.

View additional apps. If you have more than eight apps, some apps may appear on another page of the Home screen. Swipe left on the touchscreen, or twist the rotary knob.

Return to a phone call or to turn-by-turn directions. (Touchscreen only) Tap the icon in the upper-left corner of the touchscreen.

Scroll quickly through a list. Slide or tap the letters along the list at the right side of the touchscreen. Or twist or spin the rotary knob.

View and control the current audio source. Tap Now Playing to see the current audio app.

Maps

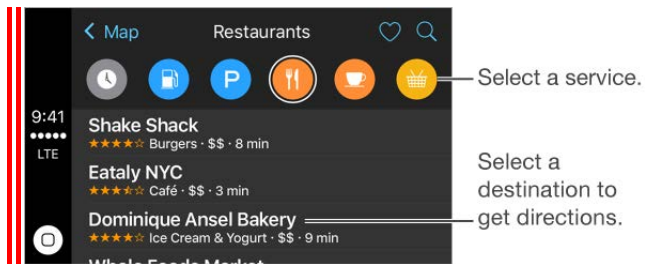
Use Siri or open Maps to get turn-by-turn directions, traffic conditions, and estimated travel time. CarPlay generates likely destinations using addresses from your email, text messages, contacts, and calendars—as well as places you frequent. You can also search for a location, use locations you bookmarked, and find nearby attractions and services.

You can use other apps even when getting directions. CarPlay lets you know when it's time to make a turn.

Ask Siri. Say something like:

- “How’s the traffic on my way home?”
- “Get directions to the nearest coffee shop”
- “What’s my ETA?”
- “Find a gas station”

Display likely destinations. Open Maps, then select Destinations. To get directions to a destination in the list, select it. To get directions to a nearby service, select a category (such as Gas, Parking, or Coffee), then select a destination. To type a destination, select the keyboard icon.



Phone

Use Siri to make calls.

Ask Siri. Say something like:

- “Call Emily”
- “Return my last call”
- “What voicemails have I gotten?”


Or open Phone and select Show Contacts to bring up your favorites, recent calls, voicemail, a list of contacts, or a keypad.

Messages

Use Siri to send, hear, and reply to text messages.

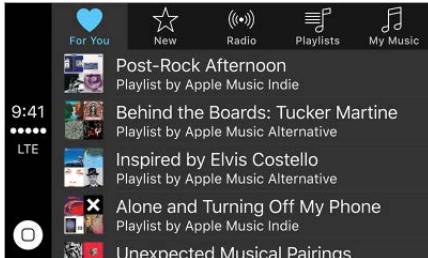
Ask Siri. Say something like:

- “Read my text messages”
- “Text my wife”
- “Tell Emily I’m in traffic and I’ll be 15 minutes late to the meeting”

Or open Messages and select Show Messages to see a list of past conversations. Select a conversation to hear unread messages or respond to a thread. Select  to start a new conversation.

Music

Use Siri or open Music to access your Apple Music membership, For You, New, and the music on your iPhone—including songs, artists, albums, and playlists. Or tune in to Radio. CarPlay also lets you use other audio apps that you download to your iPhone for podcasts, music, and radio.



To control playback, use Siri, the Now Playing screen, or the controls on your car's steering wheel.

Ask Siri. Say something like:

- "Play," followed by the name of the artist, album, song, playlist, or station that you want to play. If Siri doesn't find what you asked for, be more specific. For example, say "play the radio station 'Pure Pop'" rather than saying "play 'Pure Pop.'"
- "Let's hear the Acoustic playlist"
- "Play more songs like this one"
- "Skip this song"
- "Create a radio station based on this song"

Podcasts

Use Siri or open Podcasts to find a podcast on your iPhone and play it.

Ask Siri. Say something like:

- "Play the Freakonomics Radio podcast"
- "Skip ahead 45 seconds"

Other apps

CarPlay works with select third-party audio apps, as well as apps made by your car maker. Compatible apps show up automatically on the CarPlay Home screen.

You can also use Siri with CarPlay to access many of the apps on iPhone, including Calendar, Reminders, Clock, and more.

Ask Siri. Say something like:

- “What’s my next meeting?”
- “Remind me to pack an umbrella when I get home”
- “Add milk to my grocery list”
- “Set my alarm for 6:00 AM tomorrow”

Draft

HomeKit

HomeKit basics

With HomeKit, you can control any “Works with Apple HomeKit” accessory that you have in your home, such as lights, locks, thermostats, smart plugs, and more.

HomeKit allows you to create commands or scenes to control home settings. For example, you can create a scene to turn off the lights, lock the doors, close the garage door, and set the thermostat to the desired temperature, all with one command. HomeKit also provides an easy, secure way to control HomeKit-enabled accessories using Siri.

HomeKit is organized around three types of locations: homes, rooms, and zones. Each home contains rooms, such as “bedroom,” and you can group rooms into zones, such as “upstairs.”

Set up a home and users

Defining a home allows HomeKit-enabled apps and accessories from different manufacturers to work together. It’s the first thing you should do when getting started with HomeKit.

Define a home. Use the app that works with your HomeKit-enabled accessory to define a home. The process varies, depending on the app and accessory, but generally you pair the accessory with iPhone by entering the accessory’s HomeKit setup code in the accessory’s app. If this is your first accessory, a home is created for you.

Add a second home. As described above, use a HomeKit-enabled app to define an additional home.

Give others control. To let others control your accessories using their iOS devices, go to Settings > Home, then tap Invite People. They need an iCloud account to join your home. People you invite can control your accessories, but they can’t add new ones.

Control your accessories away from home. If you have an Apple TV (3rd generation and later) with software version 7.0 or later, or a HomeKit accessory that supports iCloud Remote Access, you can securely control your home when you’re away. Go to Settings > Home, then turn on Allow Remote Access. Make sure you’re signed in with the same iCloud account on both iPhone and Apple TV.

Define rooms, zones, and scenes. Use your HomeKit-enabled apps to assign accessories to rooms, and rooms to zones. Many apps also allow you to define scenes. Once these items are defined, you can control them with Siri, as described below.

Reset your home data. To delete all of your home data from iPhone and iCloud, go to Settings > Privacy > HomeKit, then tap Reset HomeKit Configuration.

For more information about HomeKit-enabled accessories and other info, see support.apple.com/HT204893.

Control HomeKit accessories using Siri

You can use Siri to control the HomeKit-enabled accessories you have configured. Here are some of the things you might be able to say to Siri, depending on your accessories:

- "Turn off the lights" or "Turn on the lights"
- "Dim the lights" or "Set brightness to 55%"
- "Turn on the coffee maker"
- "Set the temperature to 68 degrees"

If you set up rooms, zones, scenes, or homes, you can say things like:

- "Turn down the kitchen lights"
- "Turn on the printer in the office"
- "Turn off the upstairs lights"
- "Set my reading scene"
- "Set the temperature in the Chicago house to 72 degrees"

Safety, handling, and support

Important safety information

WARNING: Failure to follow these safety instructions could result in fire, electric shock, injury, or damage to iPhone or other property. Read all the safety information below before using iPhone.

Handling Handle iPhone with care. It is made of metal, glass, and plastic and has sensitive electronic components inside. iPhone can be damaged if dropped, burned, punctured, or crushed, or if it comes in contact with liquid. Don't use a damaged iPhone, such as one with a cracked screen, as it may cause injury. If you're concerned about scratching the surface of iPhone, consider using a case or cover.

Repairing Don't open iPhone and don't attempt to repair iPhone yourself. Disassembling iPhone may damage it or may cause injury to you. If iPhone is damaged, malfunctions, or comes in contact with liquid, contact Apple or an Apple Authorized Service Provider. You can find more information about getting service at www.apple.com/support/iphone/service/faq.

Battery Don't attempt to replace the iPhone battery yourself—you may damage the battery, which could cause overheating and injury. The lithium-ion battery in iPhone should be replaced by Apple or an authorized service provider, and must be recycled or disposed of separately from household waste. Don't incinerate the battery. For information about battery service and recycling, see www.apple.com/batteries/service-and-recycling.

Distraction Using iPhone in some circumstances may distract you and might cause a dangerous situation (for example, avoid using headphones while riding a bicycle and avoid typing a text message while driving a car). Observe rules that prohibit or restrict the use of mobile devices or headphones.

Navigation Maps depends on data services. These data services are subject to change and may not be available in all areas, resulting in maps and location-based information that may be unavailable, inaccurate, or incomplete. Compare the information provided in Maps to your surroundings. Use common sense when navigating. Always observe current road conditions and posted signs to resolve any discrepancies. Some Maps features require Location Services.

Charging Charge iPhone with the included USB cable and power adapter, or with other third-party "Made for iPhone" cables and power adapters that are compatible with USB 2.0 or later, or power adapters compliant with applicable country regulations and with

one or more of the following standards: EN 301489-34, IEC 62684, YD/T 1591-2009, CNS 15285, ITU L.1000, or another applicable mobile phone power adapter interoperability standard.

Using damaged cables or chargers, or charging when moisture is present, can cause fire, electric shock, injury, or damage to iPhone or other property. When you use the Apple USB Power Adapter to charge iPhone, make sure the USB cable is fully inserted into the power adapter before you plug the adapter into a power outlet.

Lightning cable and connector Avoid prolonged skin contact with the connector when the Lightning to USB Cable is plugged into a power source because it may cause discomfort or injury. Sleeping or sitting on the Lightning connector should be avoided.

Prolonged heat exposure iPhone and its power adapter comply with applicable surface temperature standards and limits. However, even within these limits, sustained contact with warm surfaces for long periods of time may cause discomfort or injury. Use common sense to avoid situations where your skin is in contact with a device or its power adapter when it's operating or plugged into a power source for long periods of time. For example, don't sleep on a device or power adapter, or place them under a blanket, pillow, or your body, when it's plugged into a power source. It's important to keep iPhone and its power adapter in a well-ventilated area when in use or charging. Take special care if you have a physical condition that affects your ability to detect heat against the body.

Hearing loss Listening to sound at high volumes may damage your hearing. Background noise, as well as continued exposure to high volume levels, can make sounds seem quieter than they actually are. Turn on audio playback and check the volume before inserting anything in your ear. For more information about hearing loss, see www.apple.com/sound. For information about how to set a maximum volume limit, see [Music settings](#).

To avoid hearing damage, use only compatible receivers, earbuds, headphones, speakerphones, or earpieces with iPhone. The headsets sold with iPhone 4s or later in China (identifiable by dark insulating rings on the plug) are designed to comply with Chinese standards and are only compatible with iPhone 4s and later, iPad 2 and later, iPad Pro, iPad mini and later, and iPod touch 5th generation and later.

WARNING: To prevent possible hearing damage, do not listen at high volume levels for long periods.

Radio frequency exposure iPhone uses radio signals to connect to wireless networks. For information about radio frequency (RF) energy resulting from radio signals and steps you can take to minimize exposure, go to Settings > General > About > Legal > RF Exposure or visit www.apple.com/legal/rfexposure.

Radio frequency interference Observe signs and notices that prohibit or restrict the use of electronic devices (for example, in healthcare facilities or blasting areas). Although iPhone is designed, tested, and manufactured to comply with regulations governing radio frequency emissions, such emissions from iPhone can negatively affect the operation of other electronic equipment, causing them to malfunction. Turn off iPhone or use Airplane Mode to turn off the iPhone wireless transmitters when use is prohibited, such as while traveling in aircraft, or when asked to do so by authorities.

Medical device interference iPhone contains components and radios that emit electromagnetic fields. iPhone also contains magnets and the included headphones also have magnets in the earbuds. These electromagnetic fields and magnets may interfere with pacemakers, defibrillators, or other medical devices. Maintain a safe distance of separation between your medical device and iPhone and the earbuds. Consult your physician and medical device manufacturer for information specific to your medical device. If you suspect iPhone is interfering with your pacemaker, defibrillator, or any other medical device, stop using iPhone.

Not a medical device iPhone and the Health app are not designed or intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease.

Medical conditions If you have any medical condition that you believe could be affected by iPhone (for example, seizures, blackouts, eyestrain, or headaches), consult with your physician prior to using iPhone.

Explosive atmospheres Charging or using iPhone in any area with a potentially explosive atmosphere, such as areas where the air contains high levels of flammable chemicals, vapors, or particles (such as grain, dust, or metal powders), may be hazardous. Obey all signs and instructions.

Repetitive motion When you perform repetitive activities such as typing or playing games on iPhone, you may experience discomfort in your hands, arms, wrists, shoulders, neck, or other parts of your body. If you experience discomfort, stop using iPhone and consult a physician.

High-consequence activities This device is not intended for use where the failure of the device could lead to death, personal injury, or severe environmental damage.

Choking hazard Some iPhone accessories may present a choking hazard to small children. Keep these accessories away from small children.

Important handling information

Cleaning Clean iPhone immediately if it comes in contact with anything that may cause stains—such as dirt, ink, makeup, or lotions. To clean:

- Disconnect all cables and turn iPhone off (press and hold the Sleep/Wake button, then slide the onscreen slider).
- Use a soft, lint-free cloth.
- Avoid getting moisture in openings.
- Don't use cleaning products or compressed air.

The front or back cover of iPhone may be made of glass with a fingerprint-resistant oleophobic (oil repellent) coating. This coating wears over time with normal usage. Cleaning products and abrasive materials will further diminish the coating, and may scratch the glass.

Using connectors, ports, and buttons Never force a connector into a port or apply excessive pressure to a button, because this may cause damage that is not covered under the warranty. If the connector and port don't join with reasonable ease, they probably don't match. Check for obstructions and make sure that the connector matches the port and that you have positioned the connector correctly in relation to the port.

Lightning to USB Cable Discoloration of the Lightning connector after regular use is normal. Dirt, debris, and exposure to moisture may cause discoloration. If your Lightning cable or connector become warm during use or iPhone won't charge or sync, disconnect it from your computer or power adapter and clean the Lightning connector with a soft, dry, lint-free cloth. Do not use liquids or cleaning products when cleaning the Lightning connector.

Certain usage patterns can contribute to the fraying or breaking of cables. The Lightning to USB Cable, like any other metal wire or cable, is subject to becoming weak or brittle if repeatedly bent in the same spot. Aim for gentle curves instead of angles in the cable. Regularly inspect the cable and connector for any kinks, breaks, bends, or other damage. Should you find any such damage, discontinue use of the Lightning to USB Cable.

Operating temperature iPhone is designed to work in ambient temperatures between 32° and 95° F (0° and 35° C) and stored in temperatures between -4° and 113° F (-20° and 45° C). iPhone can be damaged and battery life shortened if stored or operated outside of these temperature ranges. Avoid exposing iPhone to dramatic changes in temperature or humidity. When you're using iPhone or charging the battery, it is normal for iPhone to get warm.

If the interior temperature of iPhone exceeds normal operating temperatures (for example, in a hot car or in direct sunlight for extended periods of time), you may experience the following as it attempts to regulate its temperature:

- iPhone stops charging.
- The screen dims.

- A temperature warning screen appears.
- Some apps may close.

Important: You may not be able to use iPhone while the temperature warning screen is displayed. If iPhone can't regulate its internal temperature, it goes into deep sleep mode until it cools. Move iPhone to a cooler location out of direct sunlight and wait a few minutes before trying to use iPhone again.

For more information, see support.apple.com/HT201678.

iPhone Support site

Comprehensive support information is available online at www.apple.com/support/iphone. To contact Apple for personalized support (not available in all areas), see www.apple.com/support/contact.

Restart an app or iPhone

If something isn't working right, try restarting the problem app or iPhone.

Restart an app. If an app isn't working properly, you can force it to quit, then try reopening it. Double-click the Home button, then drag the app up from the app switcher display to quit the app. Opening it again may resolve the problem.

Restart iPhone. Hold down the Sleep/Wake button until the slider appears. Slide your finger across the slider to turn off iPhone. To turn iPhone back on, hold down the Sleep/Wake button until the Apple logo appears.

Force restart iPhone. If iPhone isn't responding, hold down the Sleep/Wake button and the Home button at the same time for at least ten seconds, until the Apple logo appears.

If iPhone still doesn't respond or turn on, see support.apple.com/HT201412.

Reset iPhone

If you're having issues with iPhone, you can reset the network settings, keyboard dictionary, home screen layout, and location and privacy settings. You can also erase all of your content and settings.

Reset iPhone. Go to Settings > General > Reset, then choose an option:

- *Reset All Settings:* All your preferences and settings are reset.
- *Erase All Content and Settings:* Your information and settings are removed. iPhone cannot be used until it's set up again.

- *Reset Network Settings:* When you reset network settings, previously used networks and VPN settings that weren't installed by a configuration profile are removed. (To remove VPN settings installed by a configuration profile, go to Settings > General > Profile, select the profile, then tap Remove. This also removes other settings or accounts provided by the profile.) Wi-Fi is turned off and then back on, disconnecting you from any network you're on. The Wi-Fi and "Ask to Join Networks" settings remain turned on.
- *Reset Keyboard Dictionary:* You add words to the keyboard dictionary by rejecting words iPhone suggests as you type. Resetting the keyboard dictionary erases all words you've added.
- *Reset Home Screen Layout:* Returns the built-in apps to their original layout on the Home screen.
- *Reset Location & Privacy:* Resets the location services and privacy settings to their defaults.

Get information about your iPhone

See information about iPhone. Go to Settings > General > About. The items you can view include:

- Name
- Network addresses
- Number of songs, videos, photos, and apps
- Capacity and available storage space
- iOS version
- Carrier
- Model number
- Serial number
- Wi-Fi and Bluetooth addresses
- IMEI (International Mobile Equipment Identity)
- ICCID (Integrated Circuit Card Identifier, or Smart Card) for GSM networks
- MEID (Mobile Equipment Identifier) for CDMA networks
- Modem firmware

- Legal (including legal notices and license, warranty, and RF exposure information)

To copy the serial number and other identifiers, touch and hold the identifier until Copy appears.

To see regulatory marks, go to Settings > General > Regulatory.

View or turn off diagnostic information. Go to Settings > Privacy > Diagnostics & Usage.

To help Apple improve products and services, iPhone sends diagnostic and usage data. This data doesn't personally identify you, but may include location information.

Usage information

View cellular usage. Go to Settings > Cellular. See [Cellular settings](#).

View overall storage availability and storage used per app. Go to Settings > General > Storage & iCloud Usage, where you can additionally manage iCloud storage.

See Battery Usage. Go to Settings > Battery to see the elapsed time since iPhone has been charged and usage by app. You can also display battery level as a percentage, and turn Low Power Mode on or off. See [Charge and monitor the battery](#) and [Low Power Mode](#).

Disabled iPhone

If iPhone is disabled because you forgot your passcode or entered an incorrect passcode too many times, you can restore iPhone from an iTunes or iCloud backup and reset the passcode. For more information, see [Restore iPhone](#).

If you get a message in iTunes that your iPhone is locked and you must enter a passcode, see support.apple.com/HT204306.

Back up iPhone

You can use iCloud or iTunes to automatically back up iPhone.

Important: Backups for music, movies, or TV show purchases are not available in all countries. Previous purchases may not be restored from iCloud Backup if they are no longer in the iTunes Store, App Store, or iBooks Store.

Use iCloud Backup. When you first sign in with your Apple ID, iCloud Backup turns on automatically. iCloud backs up iPhone daily over Wi-Fi, when it's connected to a power source and is locked. iCloud backups are encrypted automatically so that your data is

protected from unauthorized access both while it's transmitted to your devices and when it's stored in iCloud. Purchased content, iCloud Photo Sharing, and My Photo Stream content don't count against your 5 GB of free iCloud storage.

Music not purchased in iTunes isn't backed up in iCloud, but can be restored by syncing with iTunes on your computer. See [Sync with iTunes](#).

When you back up using iCloud, you can't simultaneously use iTunes to automatically back up to your computer, but you can use iTunes to manually back up to your computer.

Stop or resume iCloud backups. Go to Settings > iCloud > Backup, then turn iCloud Backup off or on.

Back up immediately on iCloud. Go to Settings > iCloud > Backup, then tap Back Up Now.

Back up with iTunes. Open iTunes on your computer, then connect iPhone. (See [Connect iPhone to your computer](#).) Click the iPhone button in the upper-left corner of iTunes, then click Summary in the sidebar. To make a manual backup, click Back Up Now (below Backups). To turn on automatic iTunes backups, click "This computer" (below Backups). Automatic backups are made whenever you connect iPhone to your computer.

To encrypt your backups, select "Encrypt local backup" (below Backups). You need to select this to back up Activity, Health, and Keychain data.

Some media files (such as songs, videos, and some photos) aren't backed up, but can be restored by syncing with iTunes. See [Sync with iTunes](#).

View or remove iCloud backups. Go to Settings > iCloud > Storage > Manage Storage.

View or remove iTunes backups. Open iTunes on your computer, choose iTunes > Preferences, then click Devices. Encrypted backups have a lock icon in the list of backups.

If you replace your iPhone, you can use its backup to transfer your information to a new device. See [Restore iPhone](#).

For more information, see [About backups in iCloud and iTunes](#).

Update and restore iPhone software

About update and restore

You can update iPhone software in Settings, or by using iTunes. You can also erase or restore iPhone, and then use iCloud or iTunes to restore from a backup.

Deleted data is no longer accessible through the iPhone user interface, but it isn't erased from iPhone. For information about erasing all content and settings, see [Reset iPhone](#).

Update iPhone

You can update software in iPhone Settings or by using iTunes.

Update wirelessly on iPhone. Go to Settings > General > Software Update. iPhone checks for available software updates.

Update software in iTunes. iTunes checks for available software updates each time you sync iPhone using iTunes. See [Sync with iTunes](#).

For more information about updating iPhone software, see support.apple.com/HT204204.

Restore iPhone

You can use iCloud or iTunes to restore iPhone from a backup.

Restore from an iCloud backup. Reset iPhone to erase all content and settings, then choose Restore from a Backup and sign in to iCloud in Setup Assistant. See [Reset iPhone](#).

Restore from an iTunes backup. Connect iPhone to the computer you normally sync with, select iPhone in the iTunes window, then click Restore in the Summary pane.

When the iPhone software is restored, you can either set it up as a new iPhone, or restore your music, videos, app data, and other content from a backup.

For more information about restoring iPhone software, see support.apple.com/HT201252.

Cellular settings

Use Cellular settings to turn cellular data and roaming on or off, set which apps and services use cellular data, see call time and cellular data usage, and set other cellular options.

If iPhone is connected to the Internet via the cellular data network, the LTE, 4G, 3G, E, or GPRS icon appears in the status bar.

LTE, 4G, and 3G service on GSM cellular networks support simultaneous voice and data communications. For all other cellular connections, you can't use Internet services while you're talking on the phone unless iPhone also has a Wi-Fi connection to the Internet. Depending on your network connection, you may not be able to receive calls while iPhone transfers data over the cellular network—when downloading a webpage, for example.

- *GSM networks:* On an EDGE or GPRS connection, incoming calls may go directly to voicemail during data transfers. For incoming calls that you answer, data transfers are paused.
- *CDMA networks:* On EV-DO connections, data transfers are paused when you answer incoming calls. On 1xRTT connections, incoming calls may go directly to voicemail during data transfers. For incoming calls that you answer, data transfers are paused.

Data transfer resumes when you end the call.

If Cellular Data is off, all data services use only Wi-Fi—including email, web browsing, push notifications, and other services. If Cellular Data is on, carrier charges may apply. For example, using certain features and services that transfer data, such as Siri and Messages, could result in charges to your data plan.

Turn Cellular Data on or off. Go to Settings > Cellular, then tap Cellular Data. The following options may also be available:

- *Turn Voice Roaming on or off (CDMA):* Turn Voice Roaming off to avoid charges from using other carrier's networks. When your carrier's network isn't available, iPhone won't have cellular (data or voice) service.
- *Turn Data Roaming on or off:* Data Roaming permits Internet access over a cellular data network when you're in an area not covered by your carrier's network. When you're traveling, you can turn off Data Roaming to avoid roaming charges. See [Phone settings](#).
- *Enable or disable 4G/LTE (varies by carrier):* Using 4G or LTE loads Internet data faster in some cases, but may decrease battery performance. If you're making a lot of phone calls, you may want to turn 4G/LTE off to extend battery life. This option is not available in all areas. On iPhone 6, iPhone 6 Plus, and later, there are options for turning off 4G/LTE, selecting Voice & Data (VoLTE), or Data Only.
- *Voice & Data (some carriers):* Choose LTE to load data faster. (This also turns on VoLTE.) Choose slower speeds to increase battery life.

- *Set up Personal Hotspot:* Personal Hotspot shares the Internet connection on iPhone with your computer and other iOS devices. See [Personal Hotspot](#).
- *Turn Wi-Fi Assist on or off:* If Wi-Fi connectivity is poor, Wi-Fi Assist uses cellular data to boost the signal.

Note: Using data over a cellular network may incur additional fees.

Set whether cellular data is used for apps and services. Go to Settings > Cellular, then turn cellular data on or off for any app that can use cellular data. If a setting is off, iPhone uses only Wi-Fi for that service. The iTunes setting includes both iTunes Match and automatic downloads from the iTunes Store and the App Store.

Sell or give away iPhone

Before you sell or give away your iPhone, be sure to back it up (see [Back up iPhone](#)), then erase all content and settings, including your personal information.

Erase iPhone. Go to Settings > General > Reset > Erase All Content and Settings. If you turned on Find My iPhone, you might need to enter your Apple ID and password.

See support.apple.com/HT201351.

Learn more, service, and support

Refer to the following resources to get more iPhone-related safety, software, and service information.

To learn about	Do this
Using iPhone safely	See Important safety information .
iPhone service and support, tips, forums, and Apple software downloads	Go to www.apple.com/support/iphone .
Service and support from your carrier	Contact your carrier or go to your carrier's website.
The latest information about iPhone	Go to www.apple.com/iphone .
Managing your Apple ID account	Go to appleid.apple.com .
Using iCloud	Go to help.apple.com/icloud .
Using iTunes	Open iTunes, then choose Help > iTunes Help. For an online iTunes tutorial (may not be available in all areas), go to www.apple.com/support/itunes .
Using other Apple iOS apps	Go to www.apple.com/support/ios .
Finding your iPhone serial number, IMEI, ICCID, or MEID	You can find your iPhone serial number, International Mobile Equipment Identity (IMEI), ICCID, or Mobile Equipment Identifier (MEID) on the iPhone packaging. Or, on iPhone, choose Settings > General > About. For more information, go to support.apple.com/HT204073 .
Obtaining warranty service	First follow the advice in this guide. Then go to www.apple.com/support/iphone .
Viewing iPhone regulatory information	On iPhone, go to Settings > General > Regulatory.
Battery service	Go to www.apple.com/batteries/service-and-recycling .
Using iPhone in an enterprise environment	Go to www.apple.com/iphone/business .

FCC compliance statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important: Changes or modifications to this product not authorized by Apple could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.

Canadian regulatory statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Users are advised that high-power radars are allocated as primary users (i.e., priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter

tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La bande 5 150-5 250 MHz est réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Les utilisateurs êtes avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

CAN ICES-3 (B)/NMB-3(B)

Disposal and recycling information

Apple Recycling Program (available in some areas): For free recycling of your old device, a prepaid shipping label, and instructions, see www.apple.com/recycling.

iPhone disposal and recycling: You must dispose of iPhone properly according to local laws and regulations. Because iPhone contains electronic components and a battery, iPhone must be disposed of separately from household waste. When iPhone reaches its end of life, contact local authorities to learn about disposal and recycling options, or simply drop it off at your local Apple retail store or return it to Apple. The battery will be removed and recycled in an environmentally friendly manner. For more information, see www.apple.com/recycling.

Battery service: The lithium-ion battery in iPhone should be serviced by Apple or an authorized service provider, and must be recycled or disposed of separately from household waste. For more information about battery service and recycling, go to www.apple.com/batteries/service-and-recycling.

Dispose of batteries according to your local environmental laws and guidelines.

Brasil—Informações sobre descarte e reciclagem



O símbolo indica que este produto e/ou sua bateria não devem ser descartadas no lixo doméstico. Quando decidir descartar este produto e/ou sua bateria, faça-o de acordo com as leis e diretrizes ambientais locais. Para informações sobre substâncias de uso restrito, o programa de reciclagem da Apple, pontos de coleta e telefone de informações, visite www.apple.com/br/environment.

Información sobre eliminación de residuos y reciclaje



El símbolo indica que este producto y/o su batería no debe desecharse con los residuos domésticos. Cuando decida desechar este producto y/o su batería, hágalo de conformidad con las leyes y directrices ambientales locales. Para obtener información sobre el programa de reciclaje de Apple, puntos de recolección para reciclaje, sustancias restringidas y otras iniciativas ambientales, visite www.apple.com/la/environment.

California battery charger energy efficiency



Turkey environmental information

Türkiye Cumhuriyeti: AEEE Yönetmeliğine Uygunur.

Taiwan battery statement

台灣



廢電池請回收

警告：請勿戳刺或焚燒。此電池不含汞。

China battery statement

警告：不要刺破或焚燒。該電池不含水銀。

Apple and the environment

At Apple, we recognize our responsibility to minimize the environmental impacts of our operations and products. For more information, go to www.apple.com/environment.

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