iPhone User Guide

Everything you need to know about iPhone
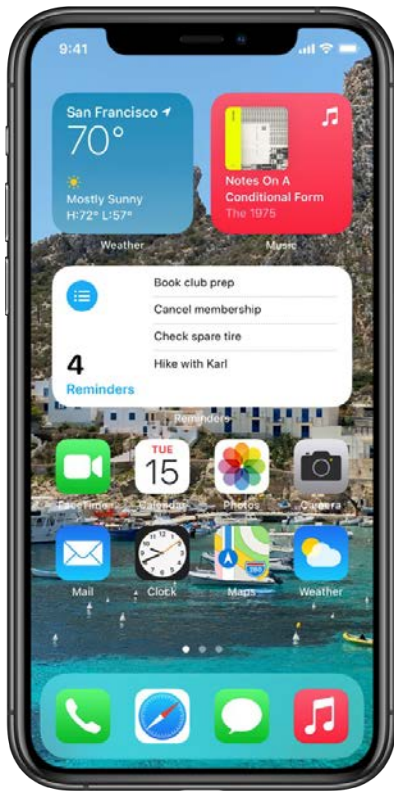
Take your best shot

Use your iPhone to take great shots in any situation. From a candid photo to a studio-quality portrait —you can take them all with your iPhone camera.

Learn how to take amazing photos and videos ›

Make it your own

Customize your Home Screen background, add widgets to see important information at a glance, organize your apps, and more.

Personalize your iPhone Home Screen ›

Keep in touch

Use iPhone to connect with friends and family in new ways.

Stay connected with iPhone ›

Be well

iPhone can help you track data about your health and activity patterns, start a bedtime routine, and more.

[Keep track of your health and wellness with iPhone ›](#)

To browse the iPhone User Guide, click Table of Contents at the top of the page. You can also [download the guide](#) from Apple Books (where available).

Supported iPhone models

This guide helps you get started using iPhone and discover all the amazing things it can do on iOS 14.1, which is compatible with the following models:

	iPhone 12
	iPhone 12 mini
	iPhone 12 Pro
	iPhone 12 Pro Max
	iPhone 11
	iPhone 11 Pro
	iPhone 11 Pro Max
	iPhone XR
	iPhone XS
	iPhone XS Max
	iPhone X
	iPhone SE (2nd generation)
	iPhone 8
	iPhone 8 Plus
	iPhone 7
	iPhone 7 Plus
	iPhone 6s
	iPhone 6s Plus
	iPhone SE (1st generation)

You can update to the latest iOS software if your model supports it. To see the model and software version of your iPhone, go to Settings ⚙ > General > About. See Get information about your iPhone.

Your features and apps may vary depending on your iPhone model, region, language, and carrier. To find out which features are supported in your region, see the iOS and iPadOS Feature Availability website.

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

What's new in iOS 14

Widgets on the Home Screen Widgets have been redesigned to give you more information at a glance—and now you can add them to your Home Screen. Choose from different sizes and arrange them however you like. You can also add a Smart Stack that displays widgets based on factors like your location, an activity, or the time. See Add widgets to the iPhone Home Screen.

App Library The new App Library on the Home Screen automatically organizes all your apps into one simple, easy-to-navigate view. Apps are sorted by category, and the apps you use most are always just one tap away. See Explore the App Library.

Compact calls Incoming calls, including FaceTime calls and calls from supported third-party apps, appear in an all-new compact design that doesn't take up the full screen. See Answer or decline incoming calls on iPhone.

App Clips An App Clip is a small part of an app that focuses on a specific task, like renting a bike, paying for parking, or ordering food. You can find App Clips by scanning QR codes, and in Messages, Maps, and Safari. See Use App Clips.

Translate Translate is a new app designed for having natural and easy conversations between languages. Turn your iPhone to landscape orientation to enter conversation mode where you can easily see both sides of the conversation. You can also translate using voice or text, translate fully on-device for downloaded languages, save your favorite translations, and more. See Translate voice and text.
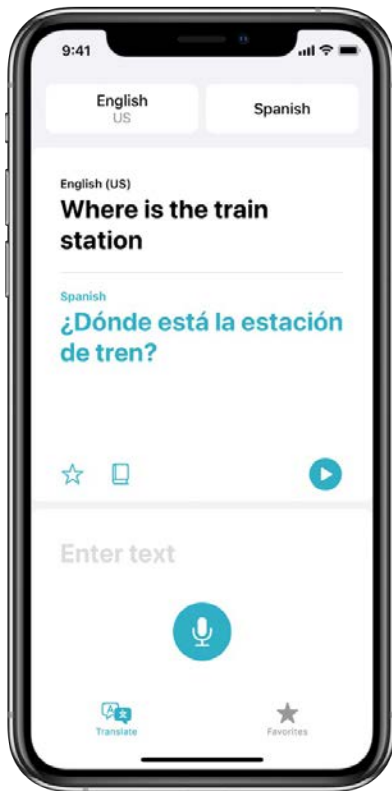
Search Search is now a single destination where you can start all your searches. A new design and as-you-type experience delivers faster, more relevant results across apps, contacts, and web searches. See Use iPhone to search.

Picture in Picture Now you can keep watching videos or continue your FaceTime call while you use another app. See Multitask with Picture in Picture.
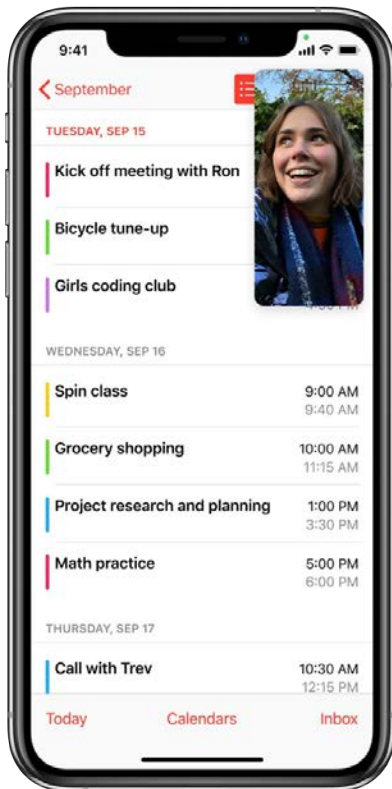
Messages Pin your most important conversations to the top of your conversation list, so you can easily get to them. Mention someone in a conversation to direct a message right to them, and use inline replies to reply directly to a specific message in a group conversation. See Pin a conversation, Mention people in a conversation, and Reply to a specific message in a conversation.

Memoji Along with more age options and face coverings, you can choose from over 20 new hair and headwear styles to reflect a hobby, your profession, and your personality. See Create your own Memoji.

Maps Use Maps to get cycling directions using bike lanes, paths, and roads. You can also see elevation changes, busy streets, and steep hills when planning your trip. Discover great places around you to eat, shop, and explore with Guides, and plan trips that include stops for charging your electric vehicle. See Get cycling directions from your current location, Explore new destinations with Guides, and Set up electric vehicle routing.
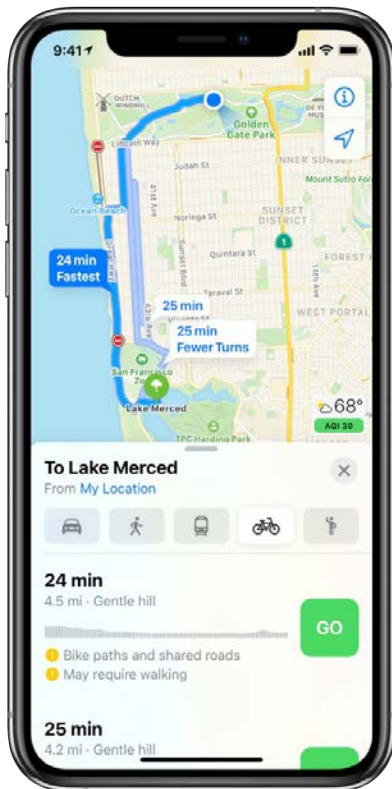
Camera QuickTake video is now available on iPhone XR, iPhone XS, and iPhone XS Max. On iPhone 12 mini, iPhone 12, iPhone 12 Pro, and iPhone 12 Pro Max, Night mode is also available when you take a selfie or use the Ultra wide camera. On all models, use Quick toggles in Video mode to easily change video resolution and frame rate. See Record a QuickTake video, Take low‑light photos with Night mode, and Use quick toggles to change video resolution and frame rate.

Photos Filter your photos in collections and albums and sort photos by oldest or newest first. Add captions to your photos and videos so you can easily find them in Search. See Filter photos in albums, Sort photos in albums, and Add captions and view photo and video details.

Measure On iPhone 12 Pro and iPhone 12 Pro Max, you can measure a person's height from the floor to the top of their head, hair, or hat. Use edge guide lines to measure the height and straight edges of furniture, countertops, and other objects. Save measurements with with screenshots to easily find and share later. See Measure a person's height, Use edge guides, and View and save measurements.

Reminders Reminders automatically suggests dates, times, and locations for a reminder based on similar reminders you've created in the past. You can also assign reminders to people you share lists with. See Share reminders and collaborate.
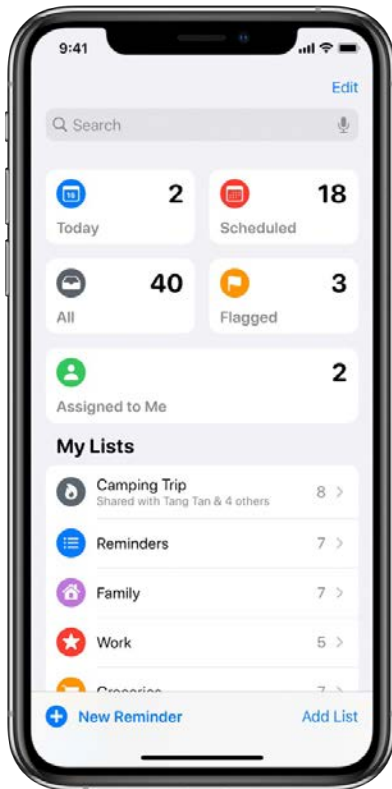
Siri Siri has a new compact design that lets you quickly get information while still focusing on what you're doing. Siri now provides information from across the web to help you find answers and can send audio messages from the Messages app. See Find out what Siri can do.

Safari Safari is more secure and helpful than ever. You can view the Privacy Report to understand how websites treat your privacy, and Safari may warn you if a password you're using isn't secure. If you come across a website in a different language, Safari now provides translations for seven different languages (beta). See View the Privacy Report and Translate a webpage.

Health An all-new sleep experience helps you meet sleep goals and wind down before bed. You can use the Health Checklist to review and turn on important features in the Health app. See Set up sleep schedules and Manage health features with the Health Checklist.

Headphone sound level You can check the precise audio level while it plays through your iPhone headphones and set maximum volume limits. See Check headphone and environmental sound levels in Control Center and Limit the headphone volume.

FaceTime FaceTime can now detect when a participant is using sign language and make the person prominent in a Group FaceTime call. Video calling is more natural by helping you establish eye contact even when you're looking at the screen instead of the camera. See Make a Group FaceTime call.

Home Adaptive Lighting lets you change lighting temperature throughout the day. Video cameras and doorbells can identify people you've tagged in the Photos app, and you can be alerted when there's motion in activity zones that you set. See Turn on Adaptive Lighting, Set up Face Recognition, and Organize rooms into zones.

Car keys Keep a digital car key in your Wallet app so you can leave your physical car keys at home. Just bring your iPhone near your car door to unlock it. Once inside, place your iPhone on a reader or wireless charger to start your car. You can also share keys with friends and family and customize controls for different drivers. See Unlock and start your car with keys in Wallet.

CarPlay Choose from a set of wallpapers that look great. CarPlay also supports new app types— parking, electric vehicle charging, and quick food ordering. See Change the wallpaper in CarPlay and Use other apps with CarPlay.

Privacy All apps must receive your permission before tracking you across apps and websites owned by other companies. A new setting allows you to share only your approximate location with an app, and an indicator appears at the top of your iPhone screen whenever an app is using your microphone or camera. See Control app tracking permissions, Control the location information you share on iPhone, and Review or change access to the camera, microphone, and other hardware features.

Learn tricks for iOS 14 The Tips app adds new suggestions frequently, so you can get the most from your iPhone. See Get tips.

Note: New features and apps may vary depending on your iPhone model, region, language, and carrier.

Set up and get started

Turn on and set up iPhone

Turn on and set up your new iPhone over an internet connection. You can also set up iPhone by connecting it to your computer. If you have another iPhone, iPad, iPod touch, or an Android device, you can transfer your data to your new iPhone.

Note: If your iPhone is deployed or managed by a company or other organization, see an administrator for setup instructions. For general information, see the Apple at Work website.

Prepare for setup

To make setup as smooth as possible, have the following items available:

- An internet connection through a Wi-Fi network (you may need the name and password of the network) or cellular data service through a carrier

- Your Apple ID and password; if you don't have an Apple ID, you can create one during setup

- Your credit or debit card account information, if you want to add a card to Apple Pay during setup

- Your previous iPhone or a backup of your device, if you're transferring your data to your new device

- Your Android device, if you're transferring your Android content

Turn on and set up your iPhone

1. Press and hold the side button or Sleep/Wake button (depending on your model) until the Apple logo appears.
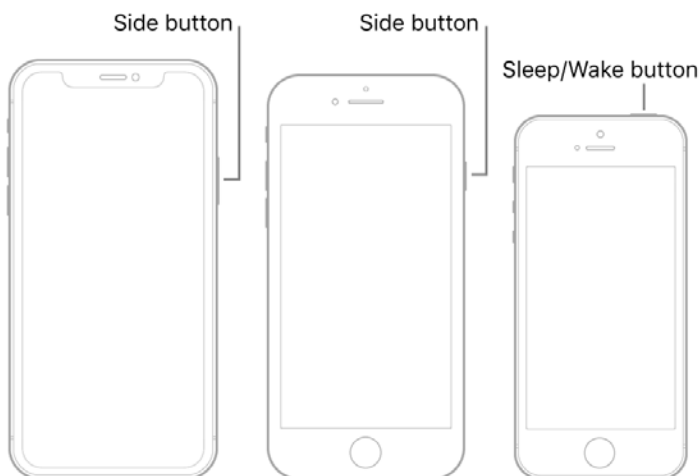
If iPhone doesn't turn on, you might need to charge the battery. For more help, see the Apple Support article If your iPhone, iPad, or iPod touch won't turn on or is frozen.

2. Do one of the following:

    -   Tap Set Up Manually, then follow the onscreen setup instructions.

    -   If you have another iPhone, iPad, or iPod touch with iOS 11, iPadOS 13, or later, you can use Quick Start to automatically set up your new device. Bring the two devices close together, then follow the onscreen instructions to securely copy many of your settings, preferences, and iCloud Keychain. You can then restore the rest of your data and content to your new device from your iCloud backup.

        Or, if both devices have iOS 12.4, iPadOS 13, or later, you can transfer all your data wirelessly from your previous device to your new one. Keep your devices near each other and plugged into power until the migration process is complete.

        You can also transfer your data using a wired connection between your devices. See Use Quick Start to transfer data from your previous iOS device to your new iPhone, iPad, or iPod touch.

    -   If you're blind or have low vision, triple-click the side button (on an iPhone with Face ID) or triple-click the Home button (on other iPhone models) to turn on VoiceOver, the screen reader. You can also double-tap the screen with three fingers to turn on Zoom.

Move from an Android device to iPhone

When you first set up your new iPhone, you can automatically and securely move your data from an Android device.

Note: You can use the Move to iOS app only when you first set up iPhone. If you already finished setup and want to use Move to iOS, you must erase your iPhone and start over, or move your data manually. See the Apple Support article Move content manually from your Android device to your iPhone, iPad, or iPod touch.

1. On your device with Android version 4.0 or later, see the Apple Support article Move from Android to iPhone, iPad, or iPod touch and download the Move to iOS app.

2. On your iPhone, do the following:

   - Follow the setup assistant.

   - On the Apps & Data screen, tap Move Data from Android.

3. On the Android device, do the following:

   - Turn on Wi-Fi.

   - Open the Move to iOS app.

   - Follow the onscreen instructions.

⚠️ **WARNING:** To avoid injury, read Important safety information for iPhone before using iPhone.

Set up cellular service on iPhone

The cellular connection on your iPhone requires a SIM from a carrier; contact your carrier to set up a cellular plan.

iPhone 12 mini, iPhone 12, iPhone 12 Pro, and iPhone 12 Pro Max can connect to 5G networks. See the Apple Support article Prepare and activate 5G on iPhone.

Your iPhone can connect to a carrier network using a nano-SIM. On an iPhone that supports Dual SIM, you can use a nano-SIM and an eSIM (not available in all countries or regions).

Here are some of the many ways you can use Dual SIM:

- Use one number for business and another number for personal calls.

- Add a local data plan when you travel to another region.

- Have separate voice and data plans.

Note: To use two different carriers, your iPhone must be unlocked.

Install the nano-SIM

1. Insert a paper clip or SIM eject tool into the small hole of the SIM tray, then push in toward iPhone to eject the tray.
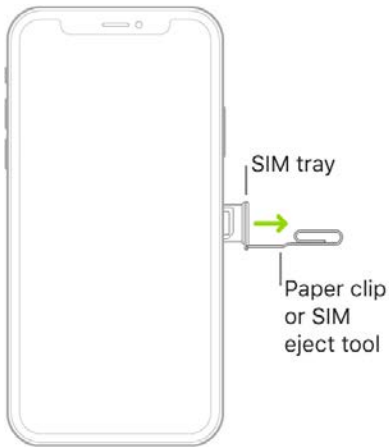
Note: The shape and orientation of the SIM tray depend on the iPhone model and your region.

2. Remove the tray from iPhone.

3. Place the nano-SIM in the tray. The angled corner determines the correct orientation.

4. Insert the tray back into iPhone.

5. If you previously set up a PIN on the nano-SIM, carefully enter the PIN when prompted.

    WARNING: Never try to guess a SIM PIN. An incorrect guess can permanently lock your SIM, and you won't be able to make phone calls or use cellular data through your carrier until you get a new SIM. See the Apple Support article Use a SIM PIN for your iPhone or iPad.

Important: A nano-SIM may be required to use cellular services when connecting to GSM networks and some CDMA networks. An iPhone activated on a CDMA wireless network can also use a nano-SIM 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 the conclusion of any required minimum service contract. Contact your wireless service provider for more details. The availability of cellular capabilities depends on the wireless network, your iPhone model, and your location.

Set up your cellular plan with eSIM

On models that support eSIM, the eSIM provided by your carrier is stored digitally in iPhone.

1. Go to Settings ◉ > Cellular, then tap Add Cellular Plan.

2. Do one of the following:

   - *Set up a new plan with a QR code provided by your carrier:* Position iPhone so that the QR code appears in the frame, or enter the details manually. You may be asked to enter a confirmation code provided by your carrier.

   - *Transfer an eSIM from your previous iPhone:* Choose the phone number from the list.

     If you don't see your phone number, make sure you're signed in with the same Apple ID on both iPhone devices. For more info, see the Apple Support article Transfer an eSIM from your previous iPhone to your new iPhone.

3. Tap Add Cellular Plan.

4. If the new plan is your second line, follow the onscreen instructions to set how you want the plans to work together.

Alternatively, you can activate your cellular plan through your carrier's app (if supported). Go to the App Store, download your carrier's app, then use the app to activate a cellular plan.

You can store more than one eSIM on your iPhone, but you can use only one eSIM at a time. To switch eSIMs, go to Settings > Cellular, tap the plan you want to use, then tap Turn On This Line.

If you have a nano-SIM, you can use it as your second line. See the Apple Support article Using Dual SIM with an eSIM.

Manage your cellular plans

During setup on models with Dual SIM, you can choose how iPhone uses each line. To change the settings later, do the following:

1. Go to Settings ◉ > Cellular.

2. Do the following:

- Tap Cellular Data, then choose a default line. To allow iPhone to use either line depending on coverage and availability, turn on Allow Cellular Data Switching.

  You may incur roaming charges if Data Roaming is on and you're outside the region covered by the carrier's network.

- Tap Default Voice Line, then choose a line.

- Below Cellular Plans, tap a line, then change settings such as Cellular Plan Label, Wi-Fi Calling (if available from your carrier), Calls on Other Devices, or SIM PIN. The label appears in Phone, Messages, and Contacts.

When using Dual SIM, note the following:

- Wi-Fi Calling must be turned on for a line to enable that line to receive calls while the other line is in use for a call. If you receive a call on one line while the other is in use for a call, and no Wi-Fi connection is available, iPhone uses the cellular data of the line that is in use for the call to receive the other line's call. Charges may apply. The line that is in use for the call must be permitted for data use in your Cellular Data settings (either as the default line, or as the non-default line with Allow Cellular Data Switching turned on) to receive the other line's call.

- If you don't turn on Wi-Fi Calling for a line, any incoming phone calls on that line (including calls from emergency services) go directly to voicemail (if available from your carrier) when the other line is in use; you won't receive missed call notifications.

  If you set up conditional call forwarding (if available from your carrier) from one line to another when a line is busy or not in service, the calls don't go to voicemail; contact your carrier for setup information.

- If you make a phone call from another device, such as your Mac, by relaying it through your iPhone with Dual SIM, the call is made using your default voice line.

- If you start an SMS/MMS Messages conversation using one line, you can't switch the conversation to your other line; you need to delete the conversation and start a new conversation using the other line. Also, you may incur additional charges if you send SMS/MMS attachments on the line that's not selected for cellular data.

- Instant Hotspot and Personal Hotspot use the line selected for cellular data.

Consider applicable data, voice, and roaming charges when managing your cellular plans, especially when you travel with iPhone. See View or change cellular settings on iPhone.

Some carriers let you unlock iPhone for use with another carrier (additional fees may apply). Contact your carrier for authorization and setup information. See the Apple Support article How to unlock your iPhone for use with a different carrier.

Connect iPhone to the internet

Connect your iPhone to the internet by using an available Wi-Fi or cellular network.

Connect iPhone to a Wi-Fi network

1. Go to Settings ⚙ > Wi-Fi, then turn on Wi-Fi.

2. Tap one of the following:

   - *A network:* Enter the password, if required.

   - *Other:* Joins a hidden network. Enter the name of the hidden network, security type, and password.

If 📶 appears at the top of the screen, iPhone is connected to a Wi-Fi network. (To verify this, open Safari to view a webpage.) iPhone reconnects when you return to the same location.

Join a Personal Hotspot

If an iPad (Wi-Fi + cellular) or another iPhone is sharing a Personal Hotspot, you can use its cellular internet connection.

Go to Settings ⚙ > Wi-Fi, then choose the name of the device sharing the Personal Hotspot.

If asked for a password on your iPhone, enter the password shown in Settings > Cellular > Personal Hotspot on the device sharing the Personal Hotspot.

Connect iPhone to a cellular network

Your iPhone automatically connects to your carrier's cellular data network if a Wi-Fi network isn't available. If iPhone doesn't connect, check the following:

1. Verify that your SIM is activated and unlocked. See Set up cellular service on iPhone.

2. Go to Settings ⚙ > Cellular.

3. Verify that Cellular Data is turned on. On models with Dual SIM, tap Cellular Data, then verify the selected line. (You can choose only one line for cellular data.)

When you need an internet connection, iPhone does the following, in order, until the connection is made:

- Tries to connect to the most recently used available Wi-Fi network

- Shows a list of Wi-Fi networks in range and connects to the one you choose

- Connects to your carrier's cellular data network

  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 View or change cellular settings on iPhone.

Manage Apple ID and iCloud settings on iPhone

Your Apple ID is the account you use to access Apple services such as the App Store, the iTunes Store, Apple Books, Apple Music, FaceTime, iCloud, iMessage, and more.

Use iCloud to securely store your photos, videos, documents, music, apps, and more—and keep them updated across all your devices. With iCloud, you can easily share photos, calendars, locations, and more with friends and family. You can even use iCloud to help you find your iPhone if you lose it.

iCloud provides you with 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 upgrade your iCloud storage right from iPhone.

Note: Some iCloud features have minimum system requirements. The availability of iCloud and its features varies by country or region.

Sign in with your Apple ID

If you didn't sign in during setup, do the following:

1. Go to Settings ⚙.

2. Tap Sign in to your iPhone.

3. Enter your Apple ID and password.

   If you don't have an Apple ID, you can create one.

4. If you protect your account with two-factor authentication, enter the six-digit verification code.

If you forgot your Apple ID or password, see the Recover your Apple ID website.

Change your Apple ID settings

1. Go to Settings ⚙ > [*your name*].

2. Do any of the following:

- Update your contact information

- Change your password

- Manage Family Sharing

Change your iCloud settings

1. Go to Settings ⚙ > [*your name*] > iCloud.

2. Do any of the following:

- See your iCloud storage status.

- Upgrade your iCloud storage—tap Manage Storage > Change Storage Plan.

- Turn on the features you want to use, such as Photos, Mail, Contacts, and Messages.

Ways to use iCloud on iPhone

Keep the following content up to date:

- Messages, Mail, Contacts, Calendars, Notes, and Reminders

- Photos and videos; see Use iCloud Photos on iPhone

- Music, apps, and books

- Documents; see Set up iCloud Drive on iPhone

- Bookmarks, your reading list, and the webpages you have open in Safari; see Browse the web using Safari on iPhone

- Passwords and credit cards; see Make your passwords available on all your devices with iPhone and iCloud Keychain

You can also do the following:

- View your iCloud data on iPhone, iPad, iPod touch, Apple Watch, Mac, and iCloud.com (using a Mac or a Windows PC).

- Share your photos and videos with the people you choose. See Share iPhone photos with Shared Albums in iCloud.

- Share your iCloud storage on plans with 200 GB or more with up to five other family members. See Share subscriptions and iCloud storage with family members on iPhone.

- Locate a missing iPhone, iPad, iPod touch, Apple Watch, Mac, or AirPods that belong to you or your family members. See Locate a device in Find My on iPhone.

- Find your friends and family; you, your friends, and family can share locations, follow each other, and see everyone's location on a map. See Locate a friend in Find My on iPhone.

- Back up and restore your data. See Back up iPhone.

Download or bookmark the iPhone User Guide

You can view the iPhone User Guide in the Safari app 🧭, or download it to the Books app 📖 so you can read it even when you're offline.

View the user guide in Safari

In Safari, go to https://support.apple.com/guide/iphone.

To view the user guide in a different language, scroll down to the bottom of the page, tap the region link (United States, for example), then choose a region.

💡 **Tip:** For quick access, add the guide as a shortcut on your Home Screen or as a bookmark in Safari. Tap ⬆️, then choose any of the following:

- *Add to Home Screen:* The shortcut appears as a new icon on the Home Screen.

- *Add Bookmark:* The bookmark appears when you tap 📖 in Safari.

Download the user guide from Apple Books

If you download the guide from Apple Books (where available), you can read it even when iPhone isn't connected to the internet.

1. Open the Books app 📙.

2. Tap Search, then enter "iPhone User Guide."

3. Tap Get, then wait for the book to download.

See Read books in the Books app on iPhone.

Basics

Wake and unlock iPhone

iPhone turns off the display to save power, locks for security, and goes to sleep when you're not using it. You can quickly wake and unlock iPhone when you want to use it again.

Wake iPhone

To wake iPhone, do one of the following:

- Press the side button or Sleep/Wake button (depending on your model).
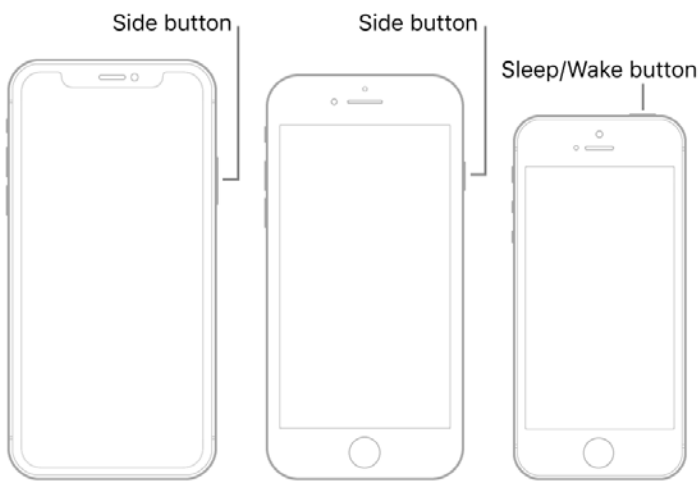
- Raise iPhone. You can turn off Raise to Wake in Settings ⚙ > Display & Brightness.
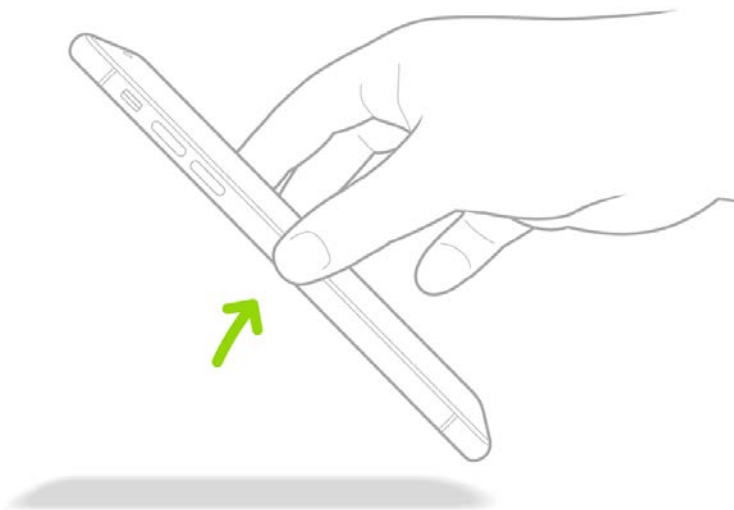
- Tap the screen (supported models).

Unlock iPhone with Face ID

If you didn't set up Face ID when you set up iPhone, see Set up Face ID on iPhone.

1. On supported models, tap the screen or raise iPhone to wake it, then glance at your iPhone.

   The lock icon animates from closed to open to indicate that iPhone is unlocked.

2. Swipe up from the bottom of the screen.

To lock iPhone again, press the side button. iPhone locks automatically if you don't touch the screen for a minute or so.

Unlock iPhone with Touch ID

If you didn't set up Touch ID when you set up iPhone, see Set up Touch ID on iPhone.

On an iPhone with a Home button, press the Home button using the finger you registered with Touch ID.

Home button

To lock iPhone again, press the side button or Sleep/Wake button (depending on your model). iPhone locks automatically if you don't touch the screen for a minute or so.

Unlock iPhone with a passcode

If you didn't create a passcode when you set up iPhone, see Set a passcode on iPhone.

1. Swipe up from the bottom of the Lock Screen (on an iPhone with Face ID) or press the Home button (on other iPhone models).

2. Enter the passcode (if you set up iPhone to require a passcode).

To lock iPhone again, press the side button or Sleep/Wake button (depending on your model). iPhone locks automatically if you don't touch the screen for a minute or so.

Learn gestures for iPhone

Learn basic gestures to interact with iPhone

Control iPhone and its apps using a few simple gestures—tap, touch and hold, swipe, scroll, and zoom.

Symbol	Gesture
●	**Tap.** Touch one finger lightly on the screen.
◎	**Touch and hold.** Touch and hold items in an app or in Control Center to preview contents and perform quick actions. On the Home Screen or in the App Library, touch and hold an app icon briefly to open a quick actions menu.
↑	**Swipe.** Move one finger across the screen quickly.
↕	**Scroll.** Move one finger across the screen without lifting. For example, in Photos, you can drag a list up or down to see more. Swipe to scroll quickly; touch the screen to stop scrolling.
⤢	**Zoom.** Place two fingers on the screen near each other. Spread them apart to zoom in, or move them toward each other to zoom out.
	You can also double-tap a photo or webpage to zoom in, and double-tap again to zoom out.
	In Maps, double-tap and hold, then drag up to zoom in or drag down to zoom out.
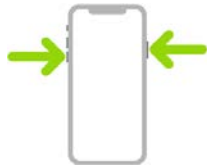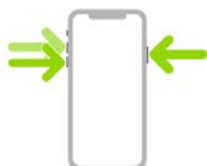
Learn gestures for iPhone models with Face ID

Here's a handy reference to the gestures you use for interacting with an iPhone that has Face ID.

Gesture	Description
	Go Home. Swipe up from the bottom edge of the screen to return to the Home Screen at any time. See Open apps on iPhone.
	Quickly access controls. Swipe down from the top-right corner to open Control Center; touch and hold a control to reveal more options. To add or remove controls, go to Settings ⚙ > Control Center. See Use and customize Control Center on iPhone.
	Open the App Switcher. Swipe up from the bottom edge, pause in the center of the screen, then lift your finger. To browse the open apps, swipe right, then tap the app you want to use. See Switch between apps on iPhone.
	Switch between open apps. Swipe right or left along the bottom edge of the screen to quickly switch between open apps. See Switch between apps on iPhone.
	Ask Siri. Just say, "Hey Siri." Or hold down the side button and make your request. Siri listens until you release the button. See Ask Siri on iPhone.
	Use Apple Pay. Double-click the side button to display your default credit card, then glance at iPhone to authenticate with Face ID. See Make contactless payments using Apple Pay on iPhone.
	Use Accessibility Shortcut. Triple-click the side button. See Use accessibility shortcuts on iPhone.
	Take a screenshot. Simultaneously press and quickly release the side button and volume up button. See Take a screenshot or screen recording on iPhone.

Gesture	Description
	Use Emergency SOS (all countries or regions except India). Simultaneously press and hold the side button and either volume button until the sliders appear, then drag Emergency SOS. See Use Emergency SOS (in all countries or regions except India).
	Use Emergency SOS (in India). Triple-click the side button. If you've turned on Accessibility Shortcut, simultaneously press and hold the side button and either volume button until the sliders appear, then drag Emergency SOS. See Use Emergency SOS (India).
	Turn off. Simultaneously press and hold the side button and either volume button until the sliders appear, then drag the top slider to power off. Or go to Settings > General > Shut Down. See Turn iPhone off then on.
	Force restart. Press and release the volume up button, press and release the volume down button, then press and hold the side button until the Apple logo appears. See Force restart iPhone.

Adjust the volume on iPhone

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. You can also use Siri to turn the volume up or down.

🎤 **Ask Siri.** Say something like: "Turn up the volume" or "Turn down the volume." Learn how to ask Siri.

WARNING: For information about avoiding hearing loss, see Important safety information for iPhone.
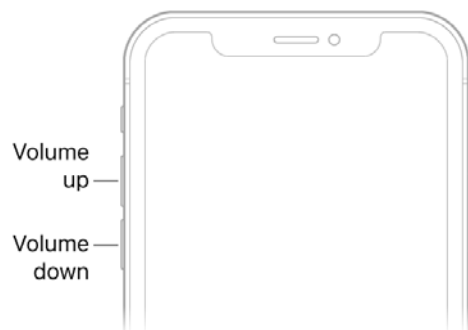
Lock the ringer and alert volumes in Settings

1. Go to Settings ⚙.

2. Tap Sounds & Haptics (on supported models) or Sounds (on other iPhone models).

3. Turn off Change with Buttons.

Adjust the volume in Control Center

When iPhone is locked or when you're using an app, you can adjust the volume in Control Center.

Open Control Center, then drag 🔊.

Limit the headphone volume

You can limit the maximum headphone volume for music and videos.

1. Go to Settings ⚙.

2. Tap Sounds & Haptics (on supported models) or Sounds (on other iPhone models).

3. Tap Reduce Loud Sounds, turn on Reduce Loud Sounds, then drag the slider to choose the maximum decibel level for headphone audio.
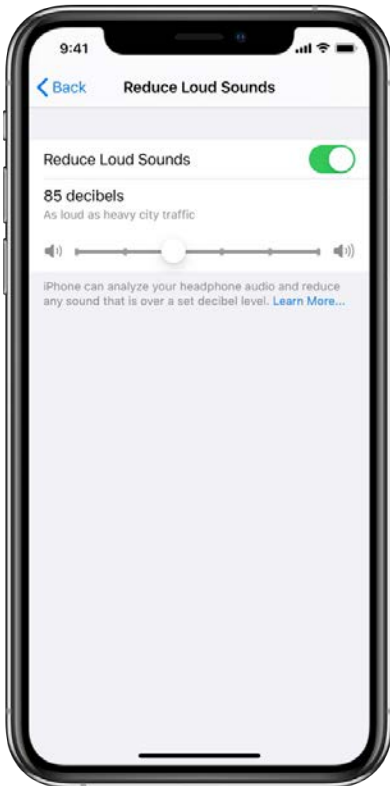
Note: If you have Screen Time turned on in Settings, you can prevent changes to the maximum headphone volume. Go to Settings > Screen Time > Content & Privacy Restrictions > Reduce Loud Sounds, then select Don't Allow.

Temporarily silence calls, alerts, and notifications

Open Control Center, then tap ☾. (See Set Do Not Disturb on iPhone.)

Put iPhone in ring or silent mode

To put iPhone in ring mode 🔔 or silent mode 🔕, flip the Ring/Silent switch.

Ring/Silent —
switch
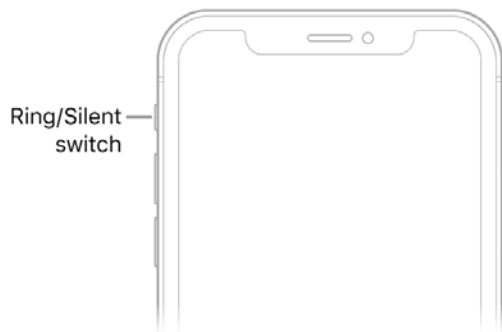
In ring mode, iPhone plays all sounds. In silent mode (the switch shows orange), iPhone doesn't ring or play alerts or other sound effects (but iPhone may still vibrate).

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 countries or regions, the sound effects for Camera, Voice Memos, and Emergency Alerts are played, even when the Ring/Silent switch is set to silent.

See Change iPhone sounds and vibrations.

Change iPhone sounds and vibrations

In Settings 🔘, change the sounds iPhone plays when you get a call, text, voicemail, email, reminder, or other type of notification.

On supported models, you feel a tap—called *haptic feedback*—after you perform some actions, such as when you touch and hold the Camera icon on the Home Screen.

Set sound and vibration options

1. Go to Settings 🔘 > Sounds & Haptics (on supported models) or Sounds (on other iPhone models).

2. To set the volume for all sounds, drag the slider below Ringers and Alerts.

3. To set the tones and vibration patterns for sounds, tap a sound type, such as ringtone or text tone.

4. Do any of the following:

    - Choose a tone (scroll to see them all).

      Ringtones play for incoming calls, clock alarms, and the clock timer; text tones are used for text messages, new voicemail, and other alerts.

    - Tap Vibration, then choose a vibration pattern, or tap Create New Vibration to create your own.

Turn haptic feedback off or on

1. On supported models, go to Settings ⚙ > Sounds & Haptics.

2. Turn System Haptics off or on.

   When System Haptics is off, you won't hear or feel vibrations for incoming calls and alerts.

💡 **Tip:** If you're not hearing or seeing incoming calls and alerts when you expect them, open Control Center, then see if Do Not Disturb is on. If 🌙 is highlighted, tap it to turn off Do Not Disturb. (When Do Not Disturb is on, 🌙 also appears in the status bar.)

Change common iPhone settings

Find settings on iPhone

In the Settings app ⚙, you can search for iPhone settings you want to change, such as your passcode, notification sounds, and more.

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1. Tap Settings on the Home Screen (or in the App Library).

Tap Settings to change your iPhone settings (volume, screen brightness, and more).

2. Swipe down to reveal the search field, enter a term—"iCloud," for example—then tap a setting.
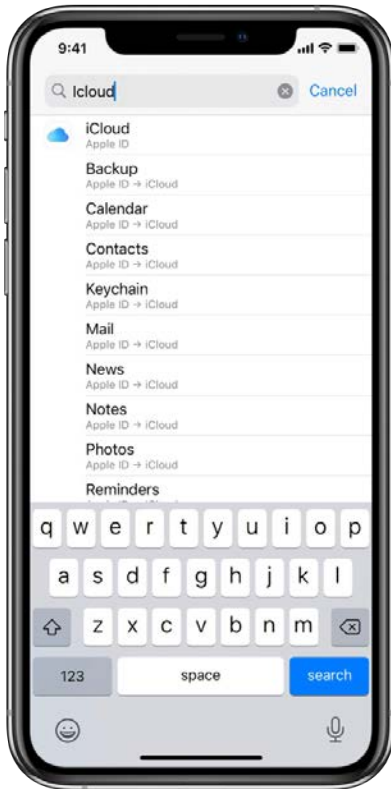
Adjust the screen brightness and color on iPhone

On iPhone, dim the screen to extend battery life, use Night Shift, set Dark Mode, and automatically adjust the screen for your lighting conditions.

Turn Dark Mode on or off

Dark Mode gives the entire iPhone experience a dark color scheme that's perfect for low-light environments. You can turn on Dark Mode from Control Center or set it to turn on automatically at night (or on a custom schedule) in Settings. With Dark Mode turned on, you can use your iPhone while, for example, reading in bed, without disturbing the person next to you.

Do any of the following:

- Open Control Center, touch and hold ☀, then tap ◐ to turn Dark Mode on or off.

- Go to Settings ⚙ > Display & Brightness, then select Dark to turn on Dark Mode, or select Light to turn it off.

Schedule Dark Mode to turn on and off automatically

1. Go to Settings ⚙ > Display & Brightness.

2. Turn on Automatic, then tap Options.

3. Select either Sunset to Sunrise or Custom Schedule.

   If you choose Custom Schedule, tap the options to schedule the times you want Dark Mode to turn on and off.

   If you select Sunset to Sunrise, iPhone uses the data from your clock and geolocation to determine when it's nighttime for you.

Adjust the screen brightness manually

To make your iPhone screen dimmer or brighter, do one of the following:

- Open Control Center, then drag ☀.

- Go to Settings ⚙ > Display & Brightness, then drag the slider.

Adjust the screen brightness automatically

iPhone adjusts the screen brightness for current light conditions using the built-in ambient light sensor.

1. Go to Settings ⚙ > Accessibility.

2. Tap Display & Text Size, then turn on Auto-Brightness.

Turn True Tone on or off

On supported models, turn on True Tone to automatically adapt the color and intensity of the display to match the light in your environment.

Do any of the following:

- Open Control Center, touch and hold ☀, then tap ☀ to turn True Tone on or off.

- Go to Settings ⚙ > Display & Brightness, then turn True Tone on or off.

Turn Night Shift on or off

You can turn on Night Shift manually, which is helpful when you're in a darkened room during the day.

Open Control Center, touch and hold ☀, then tap 🌙.

Schedule Night Shift to turn on and off automatically

Use Night Shift to shift the colors in your display to the warmer end of the spectrum at night and make viewing the screen easier on your eyes.

1. Go to Settings ⚙ > Display & Brightness > Night Shift.

2. Turn on Scheduled.

3. To adjust the color balance for Night Shift, drag the slider below Color Temperature toward the warmer or cooler end of the spectrum.

4. Tap From, then select either Sunset to Sunrise or Custom Schedule.

   If you choose Custom Schedule, tap the options to schedule the times you want Night Shift to turn on and off.

   If you select Sunset to Sunrise, iPhone uses the data from your clock and geolocation to determine when it's nighttime for you.

   Note: The Sunset to Sunrise option isn't available if you turned off Location Services in Settings ⚙ > Privacy, or if you turned off Setting Time Zone in Settings > Privacy > Location Services > System Services.

Magnify the iPhone screen with Display Zoom

You can see larger onscreen controls on an iPhone with Display Zoom.

1. Go to Settings ⚙ > Display & Brightness.

2. Tap View (below Display Zoom).

3. Choose Zoomed, then tap Set.

See Models that support Display Zoom.

For additional zoom features, see Zoom in on the iPhone screen.

Change the name of your iPhone

You can change the name of your iPhone, which is used by iCloud, AirDrop, your Personal Hotspot, and your computer.

1. Go to Settings ⚙ > General > About > Name.

2. Tap ⊗, enter a new name, then tap Done.

Set the date and time on iPhone

By default, the date and time, visible on the Lock Screen, are set automatically based on your location. If they're incorrect, you can adjust them.

1. Go to Settings ⚙ > General > Date & Time.

2. Turn on any of the following:

- *Set Automatically:* iPhone gets the correct time over the network and updates it for the time zone you're in. Some networks don't support network time, so in some countries or regions iPhone may not be able to automatically determine the local time.

- *24-Hour Time:* (not available in all countries or regions) iPhone displays the hours from 0 to 23.

To change the default date and time, turn off Set Automatically, then change the date and time displayed.

Set the language and region on iPhone

You set the language and region of your iPhone during setup. If you travel or move, you can change the language or region.

1. Go to Settings ⚙ > General > Language & Region.

2. Set the following:

- The language for iPhone

- The region

- The calendar format

- The temperature unit (Celsius or Fahrenheit)

3. To add another language and keyboard to your iPhone, tap Add Language, then select a language.

   See Add or change keyboards on iPhone.

Set up mail, contacts, and calendar accounts

In addition to the apps that come with iPhone and that you use with iCloud, iPhone works with Microsoft Exchange and many of the most popular internet-based mail, contacts, and calendar services. You can set up accounts for these services.

Set up a mail account

1. Go to Settings ⚙ > Mail > Accounts > Add Account.

2. Do one of the following:

- Tap an email service—for example, iCloud or Microsoft Exchange—then enter your email account information.

- Tap Other, tap Add Mail Account, then enter your information to set up a new account.

Set up a contacts account

1. Go to Settings ⊚ > Contacts > Accounts > Add Account > Other.

2. Tap Add LDAP Account or Add CardDAV Account (if your organization supports it), then enter your server and account information. See Use other contact accounts on iPhone.

Set up a calendar account

1. Go to Settings ⊚ > Calendar > Accounts > Add Account.

2. Tap Other, then do any of the following:

   - *Add a calendar account:* Tap Add CalDAV Account, then enter your server and account information; see Set up multiple calendars on iPhone.

   - *Subscribe to iCal (.ics) calendars:* Tap Add Subscribed Calendar, then enter the URL of the .ics file to subscribe to; or import an .ics file from Mail.

For information about setting up a Microsoft Exchange account in a corporate environment, see the Apple Support article Set up Exchange ActiveSync on your iPhone, iPad, or iPod touch.

Access features from the iPhone Lock Screen

The Lock Screen, which shows the current time and date and your most recent notifications, appears when you turn on or wake iPhone. From the Lock Screen, you can see notifications, open Camera and Control Center, get information from your favorite apps at a glance, and more.

Access features and information from the Lock Screen

You can quickly access useful features and information from the Lock Screen, even while iPhone is locked. From the Lock Screen, do any of the following:

- *Open Camera:* Swipe left. On supported models, you can touch and hold ⓞ, then lift your finger. (See Take photos with your iPhone camera.)

- *Open Control Center:* Swipe down from the top-right corner (on an iPhone with Face ID) or swipe up from the bottom edge of the screen (on other iPhone models). (See Use and customize Control Center on iPhone.)

- *See earlier notifications:* Swipe up from the center. (See View and respond to notifications on iPhone.)

- *See Today View:* Swipe right. (See Add widgets to the iPhone Home Screen.)

To choose what you can access from the Lock Screen, see Control access to information on the iPhone Lock Screen.

Show notification previews on the Lock Screen

1. Go to Settings ⚙ > Notifications.

2. Tap Show Previews, then tap Always.

Notification previews include text from Messages, lines from Mail messages, and details about Calendar invitations. See View and respond to notifications on iPhone.

Open apps on iPhone

Get to know the Home Screen and apps on your iPhone. The Home Screen shows all your apps organized into pages. More pages are added when you need space for apps.

You can also find your apps in the App Library—a space at the end of your Home Screen pages where your apps are organized in a simple, easy-to-navigate view.

Open apps on the Home Screen

1. To go to the Home Screen, swipe up from the bottom edge of the screen (on an iPhone with Face ID) or press the Home button (on an iPhone with a Home button).

2. Swipe left or right to browse apps on other Home Screen pages.
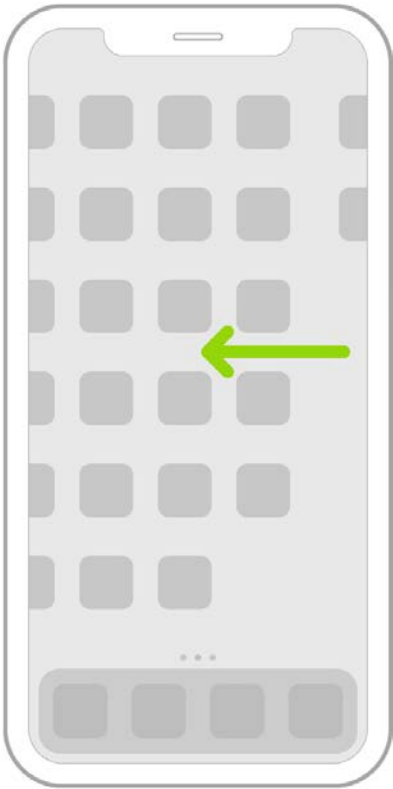
3. To open an app, tap its icon.

4. To return to the first Home Screen page, swipe up from the bottom edge of the screen (on an iPhone with Face ID) or press the Home button (on an iPhone with a Home button).

You can also move, organize, or remove apps. See Move and organize apps on iPhone and Remove apps from iPhone.

Explore the App Library

The App Library automatically sorts your apps by category, such as Creativity, Social, Entertainment, and so on. The apps you use most are near the top of the screen and at the top level of their categories, so you can easily locate and open them.

To find the App Library, go to the Home Screen, then swipe left past all your Home Screen pages.

In the App Library, you can do any of the following:

- *Open an app:* Tap the app, if it's visible.

- *Expand a category:* If a category has more apps below the top level (indicated by a few small app icons), tap the small icons to see all the apps in the category.

- *Search for apps:* Tap the search field at the top of the screen to see your apps listed alphabetically. Type an app name in the search field to find it.

- *Perform quick actions:* Touch and hold an app to open a quick actions menu.

  Note: If you touch and hold an app for too long before choosing a quick action, all of the apps begin to jiggle. Tap Done (on an iPhone with Face ID) or press the Home button (on an iPhone with a Home button), then try again.

- *Add an app to the Home Screen:* Touch and hold the app to open a quick actions menu, then choose Add to Home Screen (available only if the app isn't already on the Home Screen). The app still appears in the App Library.

- *Delete an app from iPhone:* Touch and hold the app, choose Delete App, then tap Delete. (This removes the app from the Home Screen and the App Library.) See Remove apps.

Note: You can add new apps from the App Store to both the Home Screen and App Library or just the App Library. Go to Settings ⚙ > Home Screen, then tap either Add to Home Screen or App Library Only. You can also have app notification badges appear on apps in the App Library by turning on Show in App Library.

Hide and show Home Screen pages

Because you can find all of your apps in the App Library, you might not need as many Home Screen pages for apps. You can hide some Home Screen pages, which brings the App Library closer to the first page of your Home Screen. (When you want to see the pages again, you can show them.)

1. Touch and hold any app on the Home Screen, then tap Edit Home Screen.

   The apps begin to jiggle.

2. Tap the dots at the bottom of the screen.

   Thumbnail images of your Home Screen pages appear with checkmarks below them.

3. To hide pages, tap to remove the checkmarks below the thumbnails of the pages you don't need.

   To show hidden pages, tap to add the checkmarks.

4. Tap Done twice (on an iPhone with Face ID) or press the Home button twice (on an iPhone with a Home button).

With the extra Home Screen pages hidden, you can go from the first page of the Home Screen to the App Library (and back) with only one or two swipes.

Note: When Home Screen pages are hidden, new apps you download from the App Store may be added to the App Library instead of the Home Screen.

Take a screenshot or screen recording on iPhone

You can take a picture of the screen, just as it appears, or a recording of actions on the screen, to share with others or use in documents.

Take a screenshot

1. Do one of the following:

   - *On an iPhone with Face ID:* Simultaneously press and then release the side button and volume up button.

   - *On an iPhone with a Home button:* Simultaneously press and then release the Home button and the side button or Sleep/Wake button (depending on your model).

2. Tap the screenshot in the lower-left corner, then tap Done.

3. Choose Save to Photos, Save to Files, or Delete Screenshot.

   If you choose Save to Photos, you can view it in the Screenshots album in the Photos app, or in the All Photos album if iCloud Photos is turned on in Settings ⚙ > Photos.

💡 **Tip:** To quickly create a PDF of a webpage, document, or email, take a screenshot, tap the thumbnail, then tap Full Page.

Create a screen recording

You can create a screen recording and capture sound on your iPhone.

1. Go to Settings ⚙ > Control Center, then tap ➕ next to Screen Recording.

2. Open Control Center, tap ⏺, then wait for the three-second countdown.

3. To stop recording, open Control Center, tap ⏺ or the red status bar at the top of the screen, then tap Stop.

Go to Photos 🌸, then select your screen recording.

Change or lock the screen orientation on iPhone

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

Lock or unlock the screen orientation

You can lock the screen orientation so that it doesn't change when you rotate iPhone.

Open Control Center, then tap ⟳.

When the screen orientation is locked, ⟳ appears in the status bar (on supported models).

Change the wallpaper on iPhone

On iPhone, choose an image or photo as wallpaper for the Lock Screen or Home Screen. You can choose from dynamic and still images.

Change the wallpaper

1. Go to Settings ⚙ > Wallpaper > Choose a New Wallpaper.

2. Do any of the following:

- Choose a preset image from a group at the top of the screen (Dynamic, Stills, and so on).

   Wallpaper marked with ◑ changes appearance when Dark Mode is turned on.

- Select one of your own photos (tap an album, then tap the photo).

   To reposition your selected image, pinch open to zoom in on it, then drag the image with your finger to move it. Pinch closed to zoom back out.

- Tap ⬚ to turn on Perspective Zoom (available with some wallpaper choices), which makes your wallpaper seem to "move" when you change your viewing angle.

   Note: The Perspective Zoom option doesn't appear if Reduce Motion is turned on (in Settings > Accessibility > Motion). See Reduce or stop the motion of screen elements on iPhone.

3. Tap Set, then choose one of the following:

- Set Lock Screen

- Set Home Screen

- Set Both

To turn on Perspective Zoom for wallpaper you've already set, go to Settings > Wallpaper, tap the image of the Lock Screen or Home Screen, then tap Perspective Zoom.

Set a Live Photo as wallpaper for the Lock Screen

When you set a Live Photo as wallpaper, touch and hold the Lock Screen to play the Live Photo—on all iPhone models except iPhone SE (1st generation).

1. Go to Settings ◉ > Wallpaper > Choose a New Wallpaper.

2. Do one of the following:

- Tap Live, then choose a Live Photo.

- Tap your Live Photos album, then choose a Live Photo (you may need to wait for it to download).

3. Tap Set, then choose Set Lock Screen or Set Both.

Bring screen items within reach on iPhone

Reachability brings items at the top of the screen down to the lower half of the screen. See Turn on and use Reachability.

Use your apps

Switch between apps on iPhone

Open the App Switcher to quickly switch from one app to another on your iPhone. When you switch back, you can pick up right where you left off.

Use the App Switcher

1. To see all your open apps in the App Switcher, do one of the following:

   - *On an iPhone with Face ID:* Swipe up from the bottom edge and pause in the center of the screen.

   - *On an iPhone with a Home button:* Double-click the Home button.

2. To browse the open apps, swipe right, then tap the app you want to use.

Switch between open apps

To quickly switch between open apps on an iPhone with Face ID, swipe right or left along the bottom edge of the screen.

Multitask with Picture in Picture on iPhone

With Picture in Picture, you can use FaceTime or watch a video while you use other apps.
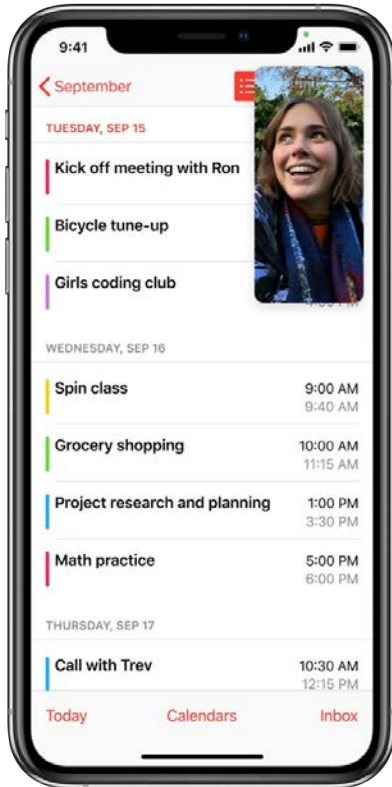
When using FaceTime or watching a video, tap ⬒.

The video window scales down to a corner of your screen so you can see the Home Screen and open other apps. With the video window showing, you can do any of the following:

- *Resize the video window:* To make the small video window larger, pinch open. To shrink it again, pinch closed.

- *Show and hide controls:* Tap the video window.

- *Move the video window:* Drag it to a different corner of the screen.

- *Hide the video window:* Drag it off the left or right edge of the screen.

- *Close the video window:* Tap ⊗.

- *Return to a full FaceTime or video screen:* Tap ⬐ in the small video window.

Move and organize apps on iPhone

You can move apps around the Home Screen, organize them in folders, find them in the App Library, and reset the original layout.

Note: The App Library (a space at the end of your Home Screen pages) shows your apps automatically organized into categories, such as Productivity, Reference & Reading, and Creativity.

Move apps around the Home Screen, into the Dock, or to other Home Screen pages

1. Touch and hold any app on the Home Screen, then tap Edit Home Screen.

   The apps begin to jiggle.

2. Drag an app to one of the following locations:

   - Another location on the same page

   - The Dock at the bottom of the screen

   - Another Home Screen page

     Drag the app to the right edge of the screen. You might need to wait a second for the new page to appear. The dots above the Dock show how many pages you have and which one you're viewing.
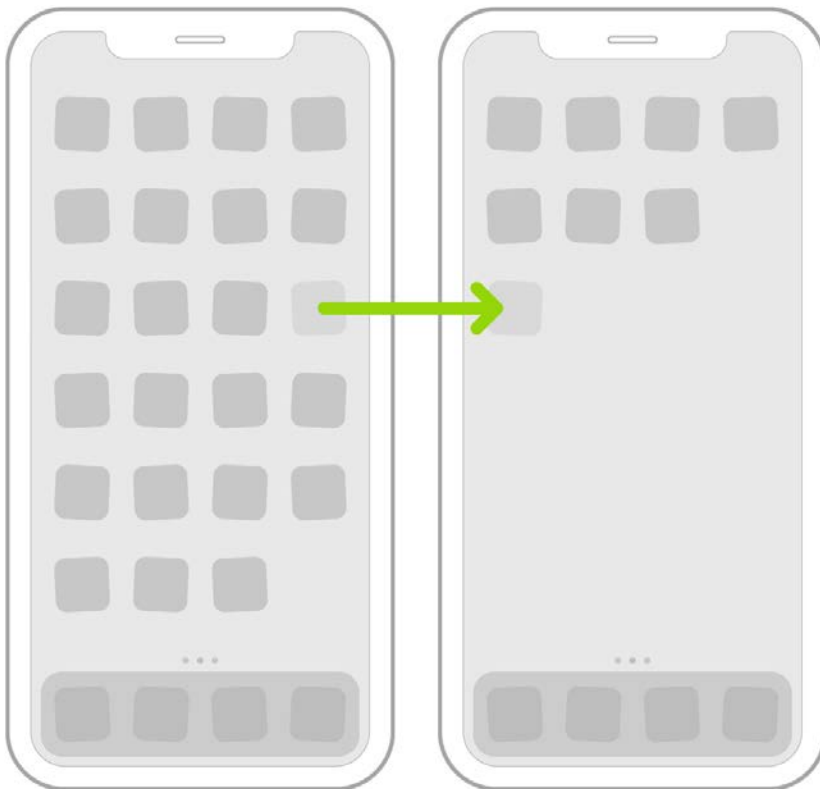
3. When you're finished, press the Home button (on an iPhone with a Home button) or tap Done (on other iPhone models).

Create folders and organize your apps

You can group your apps in folders to help you find them more easily on the Home Screen.

1. Touch and hold any app on the Home Screen, then tap Edit Home Screen.

   The apps begin to jiggle.

2. To create a folder, drag an app onto another app.

3. Drag other apps into the folder.

   You can have multiple pages of apps in the folder.

4. To rename the folder, tap the name field, then enter the new name.

5. When you're finished, press the Home button (on an iPhone with a Home button), or tap Done (on other iPhone models).

To delete a folder, drag all the apps out of the folder. The folder is automatically deleted.

Note: Organizing your apps on the Home Screen doesn't affect the apps or layout in the App Library.

Find your apps in the App Library

To find the App Library, go to the Home Screen, then swipe left past all your Home Screen pages.

In the App Library, your apps are automatically organized into categories. See Explore the App Library.

Reset the Home Screen and apps to their original layout

1. Go to Settings 🔘 > General > Reset.

2. Tap Reset Home Screen Layout. Any folders you've created are removed, and apps you've downloaded are alphabetically ordered after apps that came with your iPhone.

Quit and reopen an app on iPhone

If an app isn't working properly, you can quit it and then try to reopen it. Quitting and reopening the app may resolve the problem. (Typically, there's no reason to quit an app; quitting it doesn't save battery power, for example.)

1. To quit the app, open the App Switcher, swipe right to find the app, then swipe up on the app.

2. To reopen the app, go to the Home Screen (or the App Library), then tap the app.

If quitting and reopening the app doesn't solve your problem, try restarting iPhone.

Remove apps from iPhone

You can easily remove apps from your iPhone. If you change your mind, you can download the apps again later.

Remove apps

Do any of the following:

- *Remove an app from the Home Screen:* Touch and hold the app on the Home Screen to open a quick actions menu, tap Remove App, then tap Move to App Library to keep it in the App Library, or tap Delete App to delete it from iPhone.

- *Delete an app from the App Library and Home Screen:* Touch and hold the app in the App Library to open a quick actions menu, tap Delete App, then tap Delete. (See Explore the App Library.)

- *Add an app in the App Library to the Home Screen:* Touch and hold the app in the App Library to open a quick actions menu, then tap Add to Home Screen (available only if the app isn't already on the Home Screen).

If you change your mind, you can redownload apps you've removed.

In addition to removing third-party apps from the Home Screen, you can remove the following built-in Apple apps that came with your iPhone:

- Books

- Calculator

- Calendar

- Compass

- Contacts (Contact information remains available through Phone, Messages, Mail, FaceTime, and other apps. To remove a contact, you must restore Contacts.)

- FaceTime

- Files

- Home

- iTunes Store

- Mail

- Maps

- Measure

- Music

- News

- Notes

- Podcasts

- Reminders

- Shortcuts

- Stocks

- Tips

- Translate

- TV

- Voice Memos

- Watch

- Weather

Note: When you remove a built-in app from your Home Screen, you also remove any related user data and configuration files. Removing built-in apps from your Home Screen can affect other system functionality. See the Apple Support article Delete built-in Apple apps on your iOS 12, iOS 13, or iPadOS device or Apple Watch.

Enter, select, and revise text

Type with the onscreen keyboard on iPhone

In apps on iPhone, you can use the onscreen keyboard to enter and edit text. You can also use an external keyboard and dictation to enter text.

Enter text using the onscreen keyboard

In any app that allows text editing, open the onscreen keyboard by tapping a text field. Tap individual keys to type, or use QuickPath to type a word by sliding from one letter to the next without lifting your finger (not available for all languages). To end a word, lift your finger. You can use either method as you type, and even switch in the middle of a sentence. (If you tap ⌫ after sliding to type a word, it deletes the whole word.)
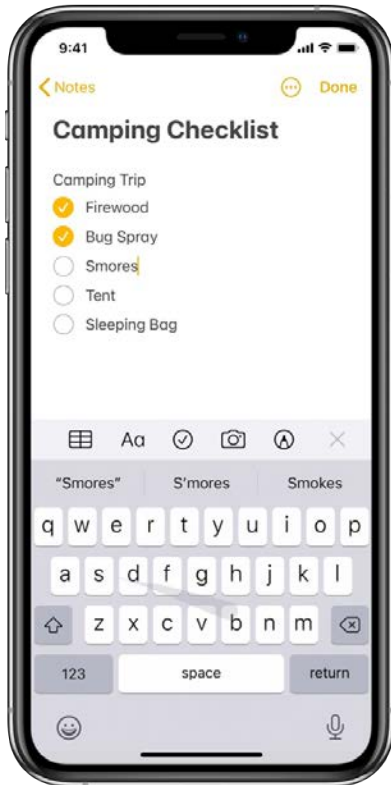
Note: As you slide to type, you see suggested alternatives to the word you're entering, rather than predictions for your next word.

While entering text, you can do any of the following:

- *Type uppercase letters:* Tap Shift, or touch the Shift key and slide to a letter.

- *Turn on Caps Lock:* Double-tap Shift.

- *Quickly end a sentence with a period and a space:* Double-tap the Space bar.

- *Correct spelling:* Tap a misspelled word (underlined in red) to see suggested corrections, then tap a suggestion to replace the word, or type the correction.

- *Enter numbers, punctuation, or symbols:* Tap 123 or #+=.

- *Undo the last edit:* Swipe left with three fingers.

- *Redo the last edit:* Swipe right with three fingers.

- *Enter emoji:* Tap 😊 or 🌐 to switch to the emoji keyboard. You can search for an emoji by entering a commonly used word—such as "heart" or "smiley face"—in the search field above the emoji keyboard, then swipe through the emoji that appear.

You can also dictate text or use Magic Keyboard (available separately) to enter text.

Turn the onscreen keyboard into a trackpad

1. Touch and hold the Space bar with one finger until the keyboard turns light gray.

2. Move the insertion point by dragging around the keyboard.

3. To select text with handles, continue touching and holding the keyboard until handles appear on the insertion point, then move your fingers.

   To use the trackpad to move the insertion point, drag the insertion point to a new location before handles appear.

Drag around the keyboard to move the insertion point.
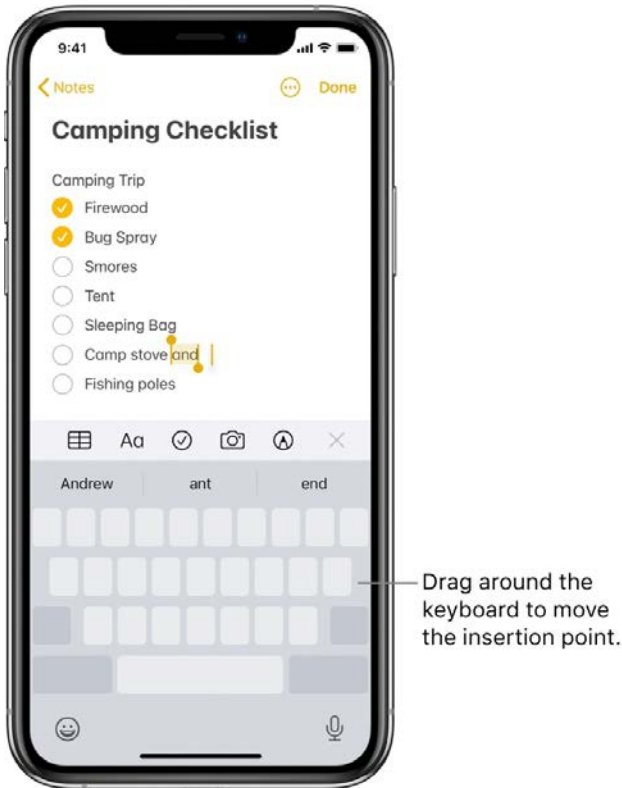
Enter accented letters or other characters while typing

While typing, touch and hold the letter, number, or symbol on the keyboard that's related to the character you want.

For example, to enter é, touch and hold the e key, then slide to choose a variant.
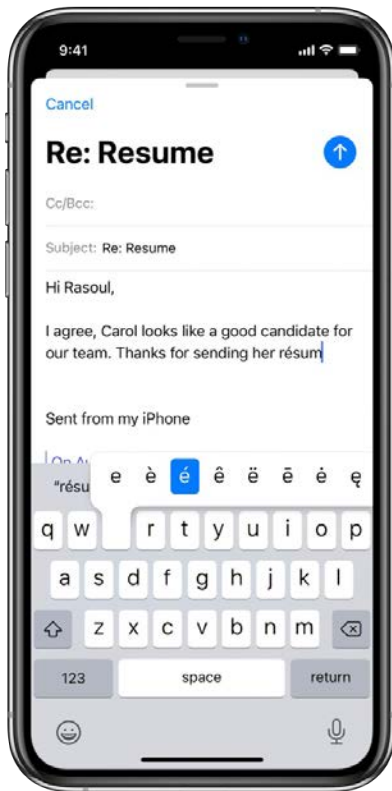
You can also do any of the following:

- *On a Thai keyboard:* To choose native numbers, touch and hold the related Arabic number.

- *On a Chinese, Japanese, or Arabic keyboard:* Tap a suggested character or candidate at the top of the keyboard to enter it, or swipe left to see more candidates.

  Note: To view the full candidate list, tap the up arrow on the right. To return to the short list, tap the down arrow.

Move text

1. In a text editing app, select the text you want to move.
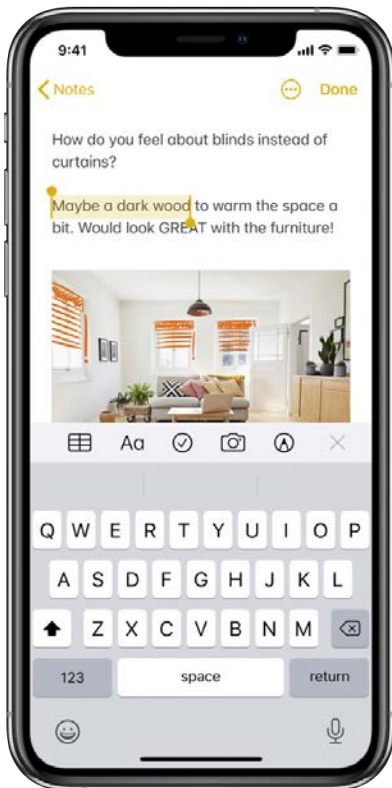
2. Touch and hold the selected text until it lifts up, then drag it to another location within the app.

   If you drag to the bottom or top of a long document, the document automatically scrolls.
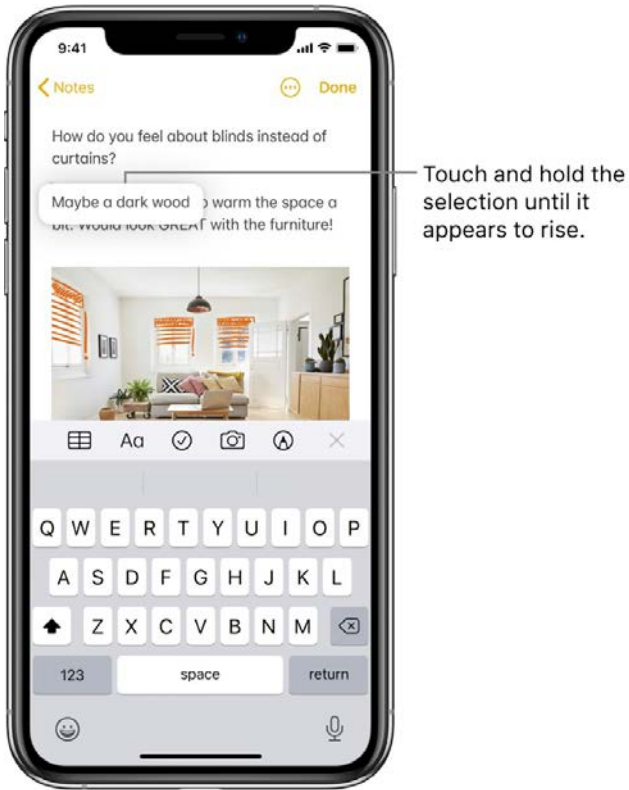
If you change your mind about moving the text, lift your finger before dragging, or drag the text off the screen.

Set typing options

You can turn on special typing features—such as predictive text and auto-correction—that assist you when you type on iPhone.

1. While typing text using the onscreen keyboard, touch and hold ☺ or ⊕, then tap Keyboard Settings. You can also go to Settings ⚙ > General > Keyboard.

2. In the list, turn the typing features (below All Keyboards) on or off.

Type with one hand

To make it easier to type with one hand, you can move the keys closer to your thumb—on all iPhone models except iPhone SE (1st generation).

1. Touch and hold ☺ or ⊕.

2. Tap one of the keyboard layouts. (For example, choose ⊞ to move the keyboard to the right side of the screen.)

   To center the keyboard again, tap the right or left edge of the keyboard.

Dictate text on iPhone

On iPhone, you can dictate text instead of typing it.

Note: Dictation may not be available in all languages or in all countries or regions, and features may vary. Cellular data charges may apply. See View or change cellular settings on iPhone.

Turn on Dictation

1. Go to Settings ⚙ > General > Keyboard.

2. Turn on Enable Dictation.

Dictate text

1. Tap 🎤 on the onscreen keyboard, then speak.

   If you don't see 🎤, make sure Enable Dictation is turned on in Settings ⚙ > General > Keyboard.

2. When you finish, tap ⌨.

Tap to begin dictation.
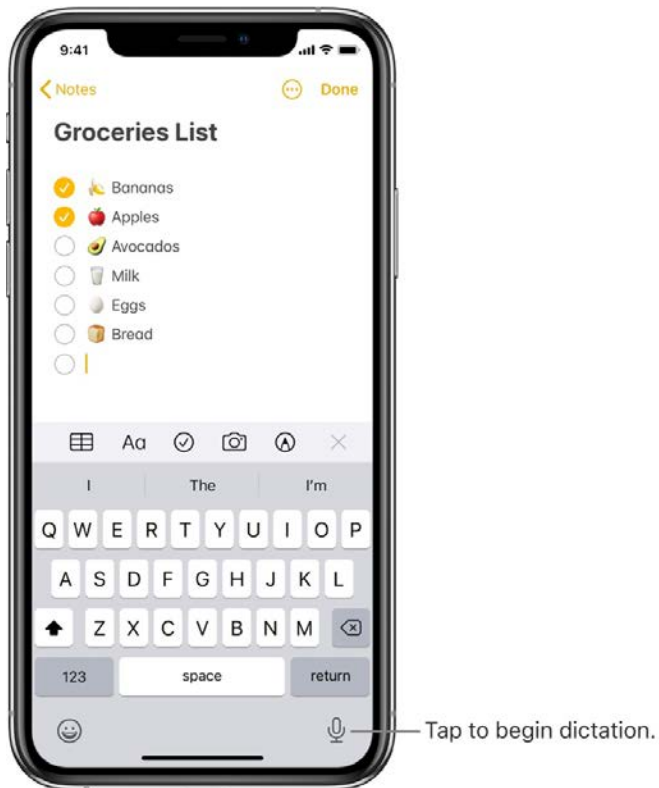
To insert text by dictating, tap to place the insertion point, then tap 🎤. You can also replace selected text by dictating.

Add punctuation or format text

While dictating text, say the punctuation or formatting.

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 the following:

- period

- comma

- exclamation point

- question mark

- dollar sign

- open parenthesis … close parenthesis

- quote … end quote

- new paragraph

- new line

- colon

- semicolon

- 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—to eliminate the space between two words (not available for all languages)

- no space on … no space off—to run a series of words together (not available for all languages)

- smiley—to insert :-)

- frowny—to insert :-(

- winky—to insert ;-)

- hash tag

Select and edit text on iPhone

In apps on iPhone, you can use the onscreen keyboard to select and edit text in text fields. You can also use an external keyboard or dictation.

Select and edit text

1. To select text, do any of the following:

   - *Select a word:* Double-tap with one finger.

   - *Select a line or sentence:* Triple-tap with one finger.

   - *Select a paragraph:* Quadruple-tap with one finger.

   - *Select a block of text:* Touch and hold the first word in the block, then drag to the last word.

2. After selecting the text you want to revise, you can type, or tap the selection to see editing options:

- *Cut:* Tap Cut or pinch closed with three fingers two times.

- *Copy:* Tap Copy or pinch closed with three fingers.

- *Paste:* Tap Paste or pinch open with three fingers.

- *Replace:* View suggested replacement text, or have Siri suggest alternative text.

- *B/I/U:* Format the selected text.

- ▶: View more options.
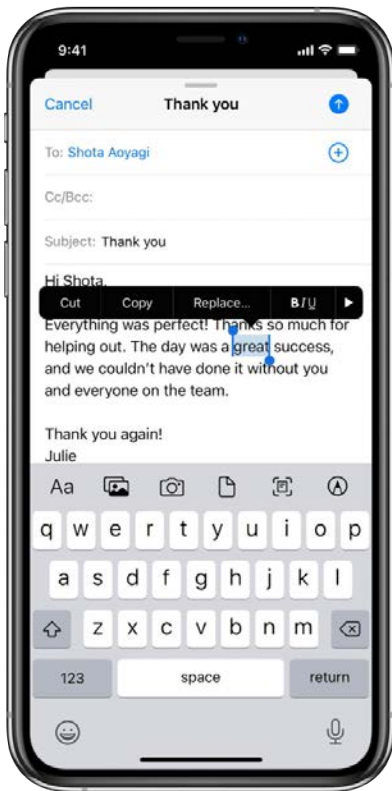
Insert text by typing

1. Place the insertion point where you want to insert text by doing any of the following:

   - Tap where you want to add text.

   - Move the insertion point by dragging it.
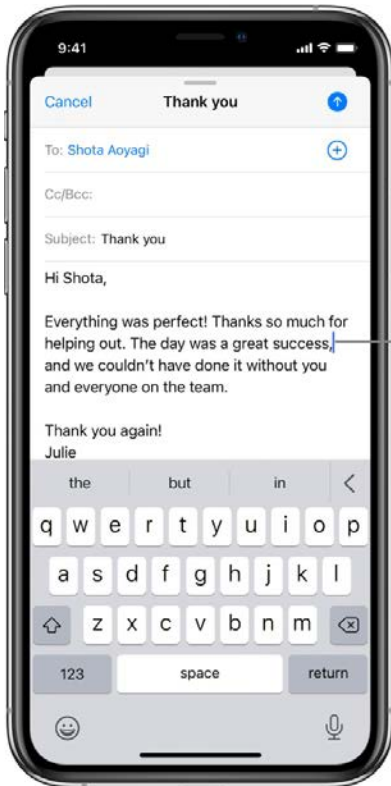
Tap to place the insertion point, or move the insertion point by dragging it.

   Note: To navigate a long document, touch and hold the right edge of the document, then drag the scroller to locate the text you want to revise.

2. Type the text you want to insert.

   You can also insert text you cut or copied from another place in the document. See Select and edit text.

With Universal Clipboard, you can cut or copy something on one Apple device and paste it to another. You can also move selected text within an app.

Use predictive text on iPhone

As you type text on the iPhone keyboard, you see predictions for your next word, emoji that could take the place of your word, and other suggestions based on your recent activity and information from your apps (not available for all languages). In Messages, for example, when you type something like:

- "I'm at" followed by a space, your current location appears as an option

---

- "My number is" followed by a space, your phone number appears as an option

Accept or reject a predictive text suggestion

While typing text, you can do either of the following:

- Accept a suggested word or emoji by tapping it; accept a highlighted suggestion 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 the suggestions by tapping your original word (shown as the predictive text option with quotation marks).
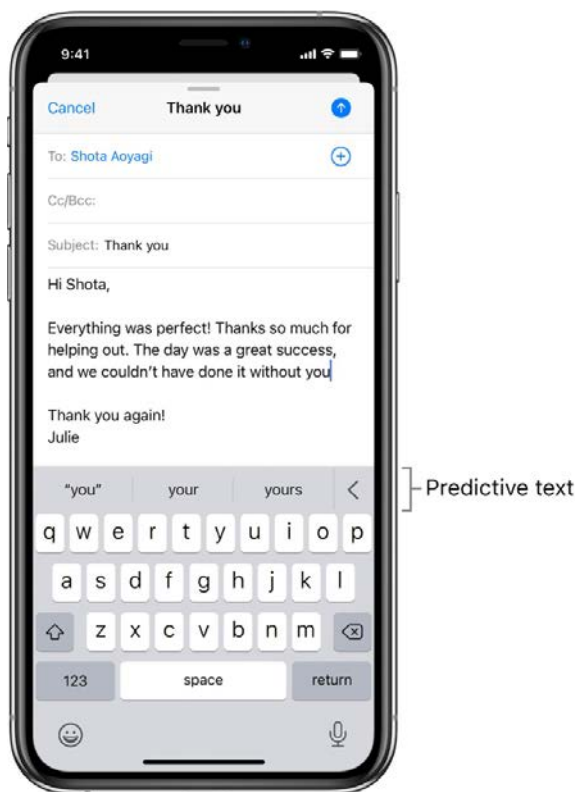
Turn off predictive text

1. While editing text, touch and hold 😊 or 🌐.

2. Tap Keyboard Settings, then turn off Predictive.

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

Save keystrokes with text replacements on iPhone

Set up a text replacement you can use to 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 text replacement

1. While typing in a text field, touch and hold ☺ or ⊕.

2. Tap Keyboard Settings, then tap Text Replacement.

3. Tap + at the top right.

4. Type a phrase in the Phrase field and the text shortcut you want to use for it in the Shortcut field.

Have a word or phrase you use and don't want it corrected?

1. Go to Settings ⚙ > General > Keyboard, then tap Text Replacement.

2. Tap + at the top right, then enter your word or phrase in the Phrase field, but leave the Shortcut field blank.

Create a text replacement for word and input pairs

When using certain Chinese or Japanese keyboards, you can create a text replacement for word and input pairs. The text replacement is added to your personal dictionary. When you type the text shortcut for a word or input while using a supported keyboard, the paired word or input is substituted for the typed shortcut.

Shortcuts are available for the following:

- *Simplified Chinese:* Pinyin

- *Traditional Chinese:* Pinyin and Zhuyin

- *Japanese:* Romaji and Kana

Use iCloud to keep your personal dictionary up to date on your other devices

Go to Settings ⚙ > [*your name*] > iCloud, then turn on iCloud Drive.

Reset your personal dictionary

1. Go to Settings ⚙ > General > Reset.

2. Tap Reset Keyboard Dictionary.

   All custom words and shortcuts are deleted, and the keyboard dictionary returns to its default state.

Add or change keyboards on iPhone

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 or wireless keyboard.

If you add keyboards for other languages, you can type in two languages without having to switch between keyboards. Your keyboard automatically switches between the two languages you use most often. (Not available for all languages.)

Add or remove a keyboard for another language

1. Go to Settings ⚙ > General > Keyboard.

2. Tap Keyboards, then do any of the following:

   - *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.

   - *Reorder your keyboard list:* Tap Edit, drag ≡ next to a keyboard to a new place in the list, then tap Done.

If you add a keyboard for a different language, the corresponding language is automatically added to the Preferred Language Order list. You can view this list and add languages directly to it in Settings > General > Language & Region. You can also reorder the list to change how apps and websites display text.

Switch to another keyboard

1. While typing text, touch and hold 😀 or 🌐.

2. Tap the name of the keyboard you want to switch to.

You can also tap 😀 or 🌐 to switch from one keyboard to another. Continue tapping to access other enabled keyboards.

To switch between keyboards on Magic Keyboard, see Switch between language and emoji keyboards.

Assign an alternative layout to a keyboard

You can use an alternative keyboard layout that doesn't match the keys on your keyboard.

1. Go to Settings ⚙️ > General > Keyboard > Keyboards.

2. Tap a language at the top of the screen, then select an alternative layout from the list.

See the Apple Support article About the keyboards settings on your iPhone, iPad, and iPod touch.

Use iPhone to search

Search on iPhone is the best place to start all your searches. Search can help you find apps and contacts, search inside of apps like Mail and Messages, find and open webpages, and quickly start a web search.

You can choose which apps you want to be included in search results. Search offers suggestions and updates results as you type.

Choose which apps to include in Search

1. Go to Settings ⚙️ > Siri & Search.

2. Scroll down, tap an app, then turn Show in Search on or off.

Search with iPhone

1. Swipe down from the middle of the Home Screen.

2. Tap the search field, then enter what you're looking for.

3. Do any of the following:

    - *Hide the keyboard and see more results on the screen:* Tap Go.

    - *Open a suggested app:* Tap it.

    - *Get more information about a search suggestion:* Tap it, then tap one of the results to open it.

    - *Start a new search:* Tap ⊗ in the search field.

Turn off Suggestions in Search

Go to Settings ⚙ > Siri & Search, then turn off Suggestions in Search.

Turn off Location Services for suggestions

1. Go to Settings ⚙ > Privacy > Location Services.

2. Tap System Services, then turn off Location-Based Suggestions.

Search in apps

Many apps include a search field or a search button so you can find something within the app. For example, in the Maps app, you can search for a specific location.

1. In an app, tap the search field or $\mathbb{Q}$.

   If you don't see a search field or button, swipe down from the top.

2. Type your search, then tap Search.

Add a dictionary

On iPhone, you can add dictionaries, which can be used in searches.

1. Go to Settings ⚙ > General > Dictionary.

2. Select a dictionary.

Use AirDrop on iPhone to send items to nearby devices

With AirDrop, you can wirelessly send your photos, videos, websites, locations, and more to other nearby devices and Mac computers (iOS 7, iPadOS 13, OS X 10.10, or later required). AirDrop transfers information using Wi-Fi and Bluetooth—both must be turned on. To use AirDrop, you need to be signed in with your Apple ID. Transfers are encrypted for security.

Send an item using AirDrop

1. Open the item, then tap 🔼, Share, AirDrop, •••, or another button that displays the app's sharing options.

2. Tap ◎ in the row of share options, then tap the profile picture of a nearby AirDrop user.

   💡 **Tip:** On iPhone 11, iPhone 11 Pro, or iPhone 11 Pro Max, point your iPhone in the direction of another iPhone 11, iPhone 11 Pro, or iPhone 11 Pro Max, then tap the profile picture of its user at the top of the screen.

If the person doesn't appear as a nearby AirDrop user, ask them to open Control Center on iPhone, iPad, or iPod touch and allow AirDrop to receive items. To send to someone on a Mac, ask them to allow themselves to be discovered in AirDrop in the Finder.

To send an item using a method other than AirDrop, choose the method—for example, Messages or Mail—from the row of sharing options (options vary by app). Siri may also suggest ways to share with the people you know by displaying their profile pictures and icons representing sharing methods.

You can also use AirDrop to securely share app and website passwords with someone using an iPhone, iPad, iPod touch, or a Mac. See Share passwords securely with AirDrop on iPhone.

Allow others to send items to your iPhone using AirDrop

1. Open Control Center, then tap ⦿.

   If you don't see ⦿, touch and hold the top-left group of controls.

2. Tap Contacts Only or Everyone to choose who you want to receive items from.

   You can accept or decline each request as it arrives.

Mark up files and photos

Draw in apps with Markup on iPhone

In supported apps such as Messages, Mail, Notes, and Books, you can annotate photos, screenshots, PDFs, and more using built-in drawing tools.
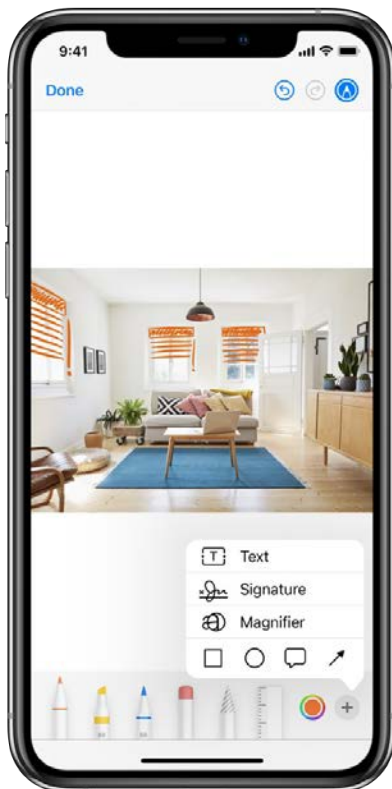
Draw with Markup

1. In a supported app, tap ⒶⒶ or Markup.

2. In the Markup toolbar, tap the pen, marker, or pencil tool, then write or draw with your finger.

3. To hide the Markup toolbar, tap Ⓐ or Done.

While drawing, do any of the following:

- *Change the line weight:* Tap the drawing tool in the toolbar, then choose an option.

- *Change the opacity:* Tap the drawing tool in the toolbar, then drag the slider.

- *Change the color:* Tap 🔵 in the toolbar, then choose a color.

- *Undo a mistake:* Tap ↩.

- *Draw a straight line:* Tap the ruler tool in the toolbar, then draw a line along the edge of the ruler.

    - To change the angle of the ruler, touch and hold the ruler with two fingers, then rotate your fingers.

    - To move the ruler without changing its angle, drag it with one finger.

    - To make the ruler disappear, tap the ruler tool again.

Erase a mistake

Tap the eraser tool in the Markup toolbar in a supported app, then do one of the following:

- *Erase with the pixel eraser:* Scrub over the mistake with your finger.

- *Erase with the object eraser:* Touch the object with your finger.

- *Switch between the pixel and the object erasers:* Tap the eraser tool again, then choose Pixel Eraser or Object Eraser.

Note: If you don't see the Markup toolbar, tap Ⓐ or Markup. If the toolbar is minimized, tap its minimized version.

Move elements of your drawing

1. In the Markup toolbar, tap the lasso tool (between the eraser and ruler tools), then drag around the elements to make a selection.

    Note: If you don't see the Markup toolbar in a supported app, tap Ⓐ or Markup. If the toolbar is minimized, tap its minimized version.

2. Lift your finger, then drag your selection to a new location.

💡 **Tip:** To mark up a screenshot right after you take it, tap the thumbnail that appears for a few moments in the bottom-left corner of the screen. (To share a screenshot after you mark it up, tap ⬆️.)

Add text, shapes, and signatures with Markup on iPhone

In supported apps, you can use Markup to add text, speech bubbles, shapes, and signatures.

Add text

1. In the Markup toolbar in a supported app, tap ⊕, then tap Text.

   Note: If you don't see the Markup toolbar, tap Ⓐ or Markup. If the toolbar is minimized, tap its minimized version.

2. Double-tap the text box.

3. Use the keyboard to enter text.

To change text after you add it, tap the text to select it, then do any of the following:

- *Change the font, size, or layout:* Tap ₐA in the toolbar, then choose an option.

- *Delete, edit, or duplicate the text:* Tap Edit, then choose an option.

- *Move the text:* Drag it.

To hide the Markup toolbar when you finish, tap ◎ or Done.

Add a shape

In the Markup toolbar in a supported app, tap ⊕, then choose a shape.

Note: If you don't see the Markup toolbar, tap Ⓐ or Markup. If the toolbar is minimized, tap its minimized version.

To adjust the shape, do any of the following:

- *Move the shape:* Drag it.

- *Resize the shape:* Drag any blue dot along the shape's outline.

- *Change the outline color:* Tap a color in the color picker.

- *Fill the shape with color or change the line thickness:* Tap 🖼, then choose an option.

- *Adjust the form of an arrow or speech bubble shape:* Drag a green dot.

- *Delete or duplicate a shape:* Tap it, then choose an option.

To hide the Markup toolbar when you finish, tap ⊚ or Done.

Draw a shape

You can use Markup to draw geometrically perfect shapes—lines, arcs, and more—to use in diagrams and sketches.

1. In the Markup toolbar in a supported app, tap the pen, marker, or pencil tool.

   Note: If you don't see the Markup toolbar, tap ⊘ or Markup. If the toolbar is minimized, tap its minimized version.

2. Draw a shape in one stroke with your finger, then pause.

   A perfect version of the shape snaps into place, replacing the drawing. (If you prefer to keep the freehand shape, tap ↰.)

The shapes you can draw include straight lines, arrows, arcs, continuous lines with 90-degree turns, squares, circles, rectangles, hearts, triangles, stars, clouds, and hexagons.

Add your signature

1. In the Markup toolbar in a supported app, tap ⊕, then choose Signature.

   Note: If you don't see the Markup toolbar, tap ⊘ or Markup. If the toolbar is minimized, tap its minimized version.

2. Do one of the following:

   - *Add a new signature:* Tap Add or Remove Signature, tap ＋, then use your finger to sign your name.

     To use the signature, tap Done, or to draw a new one, tap Clear.

   - *Add an existing signature:* Tap the one you want.

     To see all of your signatures, scroll down the list.

3. Drag your signature where you want it.

To hide the Markup toolbar when you finish, tap ⊚ or Done.

Zoom in or magnify in Markup on iPhone

In Markup in supported apps, you can zoom in when you need to draw the details. Use the magnifier when you only need to see the details.

Zoom in

While using Markup in a supported app, pinch open so you can draw, adjust shapes, and more, up close.

To pan when you're zoomed in, drag two fingers. To zoom back out, pinch closed.

Magnify

In the Markup toolbar in a supported app, tap ⊕, then tap Magnifier.

Note: If you don't see the Markup toolbar, tap Ⓐ or Markup. If the toolbar is minimized, tap its minimized version.

To change the magnifier's characteristics, do any of the following:

- *Change the magnification level:* Drag the green dot on the magnifier.

- *Change the size of the magnifier:* Drag the blue dot on the magnifier.

- *Move the magnifier:* Drag it.

- *Change the outline thickness of the magnifier:* Tap 🔲, then choose an option.

- *Change the outline color of the magnifier:* Choose an option from the color picker.

- *Remove or duplicate the magnifier:* Tap its outline, then tap Delete or Duplicate.

To hide the Markup toolbar when you finish, tap ◉ or Done.

Perform quick actions on iPhone

On the Home Screen, in the App Library, in Control Center, and in apps, you can use quick actions menus, see previews, and more.

Perform quick actions from the Home Screen and App Library

On the Home Screen and in the App Library, touch and hold apps to open quick actions menus.

For example:

- Touch and hold Camera 📷, then choose Take Selfie.

- Touch and hold Maps 🗺️, then choose Send My Location.

- Touch and hold Notes 📒, then choose New Note.

Note: If you touch and hold an app for too long before choosing a quick action, all of the apps begin to jiggle. Tap Done (on an iPhone with Face ID) or press the Home button (on other iPhone models), then try again.

See previews and other quick actions menus

- In Photos, touch and hold an image to preview it and see a list of options.

- In Mail, touch and hold a message in a mailbox to preview the message contents and see a list of options.

- Open Control Center, then touch and hold an item like Camera or the brightness control to see options.

- On the Lock Screen, touch and hold a notification to respond to it.

- When typing, touch and hold the Space bar with one finger to turn your keyboard into a trackpad.

Use and customize Control Center on iPhone

Control Center on iPhone gives you instant access to useful controls—including airplane mode, Do Not Disturb, a flashlight, volume, screen brightness—and apps.

Open Control Center

- *On an iPhone with Face ID:* Swipe down from the top-right edge. To close Control Center, swipe up from the bottom.

- *On an iPhone with a Home button:* Swipe up from the bottom. To close Control Center, swipe down or press the Home button.

Access more controls in Control Center

Many controls offer additional options. To see available options, touch and hold a control. For example, you can do the following in Control Center:

- Touch and hold the top-left group of controls, then tap 📶 to open the AirDrop options.

- Touch and hold 📷 to take a selfie, take a photo, or record a video.

Touch and hold to
see Camera options.

Add and organize controls

You can customize Control Center by adding more controls and shortcuts to many apps, such as Calculator, Notes, Voice Memos, and more.

1. Go to Settings ⚙️ > Control Center.

2. To add or remove controls, tap ➕ or ➖ next to a control.

3. To rearrange controls, touch ≡ next to a control, then drag it to a new position.

Temporarily disconnect from a Wi-Fi network

In Control Center, tap 📶; to reconnect, tap it again.

To see the name of the connected Wi-Fi network, touch and hold 📶.

Because Wi-Fi isn't turned off when you disconnect from a network, AirPlay and AirDrop still work, and iPhone joins known networks when you change locations or restart iPhone. To turn off Wi-Fi, go to Settings ⚙️ > Wi-Fi. (To turn on Wi-Fi again in Control Center, tap 📶.) For information about turning Wi-Fi on or off in Control Center while in airplane mode, see Choose iPhone settings for travel.

Temporarily disconnect from Bluetooth devices

In Control Center, tap 🔵; to allow connections, tap the button again.

Because Bluetooth isn't turned off when you disconnect from devices, location accuracy and other services are still enabled. To turn off Bluetooth, go to Settings ⚙️ > Bluetooth, then turn off Bluetooth. To turn on Bluetooth again in Control Center, tap 🔵. For information about turning Bluetooth on or off in Control Center while in airplane mode, see Choose iPhone settings for travel.

Turn off access to Control Center in apps

Go to Settings ⚙️ > Control Center, then turn off Access Within Apps.

Use notifications and Do Not Disturb

View and respond to notifications on iPhone

Notifications help you keep track of what's new—they let you know if you missed a call, if the date of an event moved, and more. You can customize your notification settings so you see only what's important to you. View and respond to notifications on the iPhone Lock Screen or in Notification Center.

Find all your notifications in one place

iPhone displays notifications as they arrive, but if you don't read one right away, it's saved in Notification Center so you can check it later.

To see your notifications in Notification Center, do any of the following:

- *On the Lock Screen:* Swipe up from the middle of the screen.

- *On other screens:* Swipe down from the top center. Then you can scroll up to see older notifications, if there are any.

To close Notification Center, swipe up from the bottom with one finger or press the Home button (on an iPhone with a Home button).

Respond to notifications

When you have multiple notifications in Notification Center or on the Lock Screen, they're grouped by app, which makes them easier to view and manage. Notifications from some apps may also be grouped by organizing features within the app, such as by topic or thread. Grouped notifications appear as small stacks, with the most recent notification on top.

Do any of the following:

- To expand a group of notifications to see them individually, tap the group. To close the group again, tap Show Less.

- Touch and hold a notification to view it and perform quick actions if the app offers them (on supported models).

- Tap a notification to open the app that it's from.

Dismiss, clear, and manage notifications

Do any of the following:

- *Handle a notification you receive while using another app:* Pull it down to view it, then swipe up to dismiss it.

- *Clear notifications:* Swipe left over the notification or group of notifications, then tap Clear or Clear All.

- *Send notifications directly to Notification Center:* Swipe left over the notification or group of notifications, tap Manage, then tap Deliver Quietly. This prevents notifications from this app or group from appearing on the Lock Screen, playing a sound, lighting up the screen, or presenting a banner.

  To see and hear these notifications again, swipe left on a notification in Notification Center, tap Manage, then tap Deliver Prominently.

- *Turn off notifications for an app or notification group:* Swipe left on a notification or group of notifications, tap Manage, then tap Turn Off.

- *Change how an app displays notifications:* Swipe left on a notification, tap Manage, tap Settings, then choose an option. You can choose whether to allow notifications from the app, where the notifications appear (in Notification Center, for example), whether to play an alert sound, and so on.

- *Clear all your notifications in Notification Center:* Tap ⊗, then tap Clear.

When you haven't used an app for a while, Siri suggests that you turn off notifications for that app.

Change notification settings on iPhone

In Settings ⚙️, choose which apps can send notifications, change the alert sound, set up location-based alerts, allow government alerts, and more.

Change notification settings

Most notification settings can be customized for each app. You can turn app notifications on or off, have notifications play a sound, choose how and where you want app notifications to appear when your device is unlocked, and more.

1. Go to Settings ⚙️ > Notifications.

2. To choose when you want most notification previews to appear, tap Show Previews, then select an option—Always, When Unlocked, or Never. (You can override this setting for individual apps.)

   Previews can include things like text (from Messages and Mail) and invitation details (from Calendar).

3. Tap Back, tap an app below Notification Style, then turn Allow Notifications on or off.

   If you turn on Allow Notifications, choose how and where you want the notifications to appear for the app—for example, on the Lock Screen or in Notification Center.

   You can also set a notification banner style, sound, and badges for many apps.

4. Tap Notification Grouping, then choose how you want the notifications grouped:

- *By App:* All the notifications from the app are grouped together.

- *Automatic:* The notifications from the app are grouped according to organizing criteria within the app, such as by topic or thread.

- *Off:* Turn off grouping.

To turn off notifications selectively for apps, go to Settings > Notifications > Siri Suggestions, then turn off any app.

Show recent notifications on the Lock Screen

You can allow access to Notification Center on the Lock Screen.

1. Go to Settings ⚙ > Face ID & Passcode (on an iPhone with Face ID) or Touch ID & Passcode (on other iPhone models).

2. Enter your passcode.

3. Turn on Notification Center (below Allow Access When Locked).

Silence all your notifications

🎙 **Ask Siri.** Say something like: "Turn on Do Not Disturb." Learn how to ask Siri.

You can also go to Settings ⚙ > Do Not Disturb, then turn on Do Not Disturb.

Set up location-based alerts

Some apps use your location to send you relevant alerts based on where you are. For example, you might get a reminder to call someone when you get to a specific place or when you leave for your next location.

If you don't want to see these types of alerts, you can turn them off.

1. Go to Settings ⚙ > Privacy > Location Services.

2. Turn on Location Services.

3. Tap an app, then choose whether you want to share your location while using that app.

See the Apple Support article About privacy and Location Services.

Get government alerts

In some countries or regions, you can turn on alerts in the Government Alerts list. For example, on iPhone in the United States, you can receive presidential alerts, and you can turn AMBER, Public Safety, and Emergency Alerts (which include both Severe and Extreme Imminent Threat alerts) on or off (they're on by default). On iPhone in Japan, you can receive Emergency Earthquake Alerts from the Japan Meteorological Agency.

1. Go to Settings ⚙ > Notifications.

2. Scroll down to the Government Alerts section, then turn on the ones you want.

Government alerts vary by carrier and iPhone model, and may not work under all conditions. See the Apple Support article About emergency and government alerts.

Set Do Not Disturb on iPhone

To quickly silence iPhone, whether you're in a movie theater or going to dinner, turn on Do Not Disturb. It silences notifications and calls and prevents them from lighting up the screen.

Turn on Do Not Disturb

🎤 **Ask Siri.** Say something like: "Turn on Do Not Disturb," or "Turn off Do Not Disturb." Learn how to ask Siri.

1. You can also open Control Center, then tap 🌙 to turn on Do Not Disturb.

   When Do Not Disturb is on, 🌙 appears in the status bar.

2. To choose an ending time for Do Not Disturb, touch and hold 🌙 in Control Center, then choose an option, such as "For 1 hour" or "Until the end of this event."

   You can also tap Schedule, turn on Scheduled, then set beginning and ending times.

Allow calls when Do Not Disturb is on

1. Go to Settings ⚙ > Do Not Disturb.

2. Do one of the following:

   - *Tap Allow Calls From:* To allow incoming calls from selected groups.

   - *Turn on Repeated Calls:* To allow repeated calls from the same number to come through for emergencies.

Allow calls from emergency contacts when Do Not Disturb is on

You can allow calls and messages from specific contacts when Do Not Disturb is turned on, follow these steps:

1. Open Contacts 👤.

2. Select a contact, then tap Edit.

3. Tap Ringtone or Text Tone, then turn on Emergency Bypass.

   Or, create a Medical ID and identify an emergency contact.

Even if Do Not Disturb is on, calls and messages from your emergency contacts come through.

Schedule quiet hours

1. Go to Settings ⚙️ > Do Not Disturb.

2. Turn on Scheduled, then set the start time and end time for quiet hours.

💡 **Tip:** In the Health app, you can set a bedtime schedule to help you meet your sleep goals. See Set up sleep schedules in Health on iPhone.

Choose when Do Not Disturb silences iPhone

You can choose whether Do Not Disturb silences iPhone only when it's locked, or even when it's unlocked.

1. Go to Settings ⚙️ > Do Not Disturb.

2. Do one of the following:

   - *Silence iPhone any time Do Not Disturb is on:* Tap Always.

   - *Silence iPhone only when it's locked:* Tap While iPhone is locked.

To help keep calls, text messages, and notifications from distracting you while you drive, use Do Not Disturb While Driving.

To dim your display and silence notifications while you sleep, see Set up sleep schedules in Health on iPhone.

Turn on Do Not Disturb While Driving on iPhone

Do Not Disturb While Driving helps you stay focused on the road. When you turn it on, text messages and other notifications are silenced or limited. You can ask Siri to read replies to you, so you don't have to look at your iPhone. Incoming calls are allowed only when iPhone is connected to CarPlay—a car Bluetooth system—or a hands-free accessory, or when you use Do Not Disturb settings to allow some calls.

WARNING: For important information about navigation and avoiding distractions that could lead to dangerous situations, see Important safety information for iPhone. Do Not Disturb While Driving is not a substitute for following all rules that prohibit distracted driving.

Turn on Do Not Disturb While Driving

If iPhone detects you might be driving and you haven't set up Do Not Disturb While Driving, you're asked if you want to turn it on. Otherwise, you can turn it on manually.

1. Go to Settings ⚙ > Do Not Disturb.

2. Scroll down, then tap Activate.

3. Choose when you want Do Not Disturb While Driving to turn on.

   - *Automatically:* When iPhone detects you might be driving.

   - *When Connected to Car Bluetooth:* When your iPhone is connected to a car's Bluetooth system.

   - *Manually:* When you turn it on in Control Center.

   - *Activate With CarPlay:* Automatically when iPhone is connected to CarPlay.

To add Do Not Disturb While Driving to Control Center, go to Settings > Control Center, then tap ⊕ next to Do Not Disturb While Driving.

Get calls, messages, and notifications when you're a passenger

If Do Not Disturb While Driving becomes active when you're not driving (for example, when you're a passenger), you can turn it off.

1. Tap the Do Not Disturb While Driving notification on the Lock Screen.

2. Tap I'm Not Driving.

You can also swipe up from the bottom of the screen (on an iPhone with Face ID) or press the Home button (on other iPhone models), then tap I'm Not Driving.

Send an auto-reply text message that you're driving

When Do Not Disturb While Driving is on, by default, an auto-reply is sent to anyone in your Favorites group. You can change who receives the auto-reply.

1. Go to Settings ⚙ > Do Not Disturb > Auto-Reply To.

2. Choose one of the following:

   - *No One:* Turns off auto-reply.

   - *Recents:* Sends an auto-reply to anyone you sent a message to in the previous two days, even if they're not in your Contacts.

   - *Favorites:* Sends an auto-reply to anyone in your Favorites group in Phone.

   - *All Contacts:* Sends an auto-reply to everyone in Contacts.

If anyone responds to your auto-reply message with the message "Urgent," all subsequent texts from that person come through for the remainder of your drive.

Create a custom auto-reply text message

1. Go to Settings ⚙, then tap Do Not Disturb > Auto-Reply.

2. Tap the message to bring up the keyboard, then type a new message.

Allow some calls

If your car doesn't have Bluetooth or support for CarPlay, you can allow some calls to come through.

- *Allow a second call from the same person within 3 minutes:* Go to Settings ⚙ > Do Not Disturb, then turn on Repeated Calls.

- *Allow calls from your favorites, all your contacts, or everyone:* Go to Settings > Do Not Disturb > Allow Calls From.

Note: Do Not Disturb While Driving uses Location Services to determine whether you might be driving or if you're near home, work, or a predicted destination. The location data Apple collects for these purposes doesn't personally identify you. To turn off Location Services for Do Not Disturb While Driving, go to Settings > Privacy > Location Services > System Services, then turn off Location-Based Alerts.

Add widgets to the iPhone Home Screen

Today View widgets show you current information from your favorite apps at a glance—today's headlines, weather, calendar events, and more. You can add widgets to your Home Screen to keep this information at your fingertips.
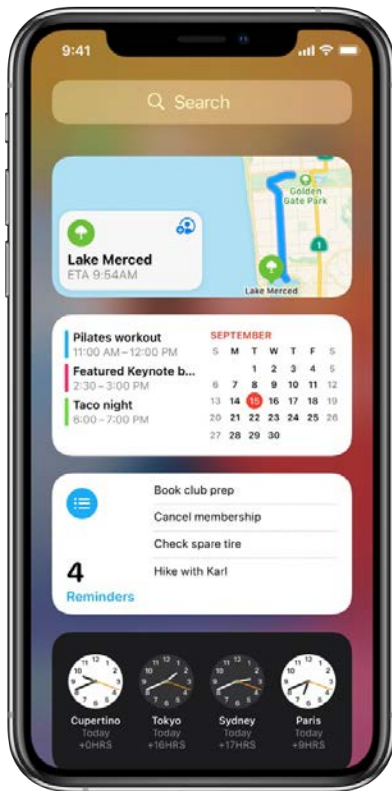
Open Today View

Swipe right from the left edge of the Home Screen or the Lock Screen.

Move a widget from Today View to the Home Screen

1. Open Today View, then scroll or search to locate the widget you want.

2. Touch and hold the widget until it begins to jiggle, then drag it off the right side of the screen.

3. Drag the widget to place it where you want it on the Home Screen, then tap Done.

💡 **Tip:** A widget called a Smart Stack (one that has dots next to it) is a set of widgets that use information such as the time, your location, and activity to display the most relevant widget at the appropriate time in your day. You can add a Smart Stack to the Home Screen, then swipe through it to see the widgets it contains.

Add a widget to a Home Screen page

1. Go to the Home Screen page where you want to add the widget, then touch and hold the Home Screen background until the apps begin to jiggle.

2. Tap ⊕ at the top of the screen to open the widget gallery.

3. Scroll or search to find the widget you want, tap it, then swipe left through the size options.

   The different sizes display different information.

4. When you see the size you want, tap Add Widget, then tap Done.

💡 **Tip:** A widget called a Smart Stack (one that has dots next to it) is a set of widgets that use information such as the time, your location, and activity to display the most relevant widget at the appropriate time in your day. You can add a Smart Stack to the Home Screen, then swipe through it to see the widgets it contains.

Edit a widget

You can customize most widgets so they display the information you want. For example, you can edit a Weather widget to see the forecast for your location or a different area. Or you can customize a Smart Stack to rotate through its widgets based on things like your activity, the time of day, and so on.

1. On your Home Screen, touch and hold a widget to open a quick actions menu.

2. Tap Edit Widget if it appears (or Edit Stack, if it's a Smart Stack), then choose options.

   For example, for a Weather widget, you can tap Location, then select a location for your forecast.

   For a Smart Stack, you can turn Smart Rotate off or on and reorder the widgets by dragging ☰ next to them.

3. Tap the Home Screen.

Remove a widget from the Home Screen

1. Touch and hold the widget to open the quick actions menu.

2. Tap Remove Widget (or Remove Stack), then tap Remove.

Allow access to Today View when iPhone is locked

1. Go to Settings ⚙ > Face ID & Passcode (on an iPhone with Face ID) or Touch ID & Passcode (on other iPhone models).

2. Enter your passcode.

3. Turn on Today View (below Allow Access When Locked).

Charge and monitor the iPhone battery

iPhone has an internal, lithium-ion rechargeable battery, which currently provides the best performance for your device. Compared with traditional battery technology, lithium-ion batteries are lighter, charge faster, last longer, and have a higher power density for more battery life. To understand how your battery works so you can get the most out of it, see the Apple Lithium-ion Batteries website.

Charge the battery

To charge your iPhone battery, do one of the following:

- Connect iPhone to a power outlet using the included Lightning to USB Cable and USB power adapter.
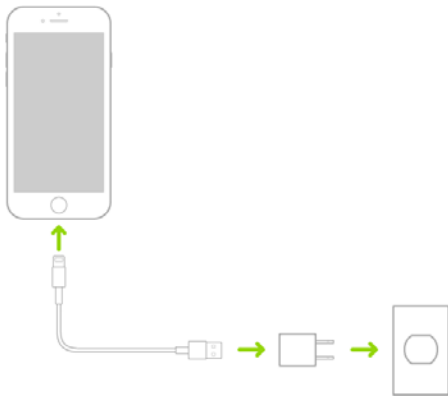
- Connect iPhone and your computer using USB.

  Make sure your computer is turned on—if iPhone is connected to a computer that's turned off, the battery may drain instead of charge. Look for ⚡ on the battery icon to make sure your iPhone is charging.

- (On supported models) Place iPhone face up on a Qi-certified charger. See the Apple Support article How to wirelessly charge your iPhone.

  Connecting iPhone to a power outlet or placing it on a Qi-certified charger (on supported models) can start an iCloud backup or wireless computer syncing. See Back up iPhone and Sync iPhone with your computer.

  Note: Don't try to charge your iPhone by connecting it to your keyboard, unless your keyboard has a high-power USB port.

  The battery icon in the upper-right corner shows the battery level or charging status. When syncing or using iPhone, it may take longer to charge the battery.

  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 10 minutes before you can use it. If iPhone is extremely low on power when you begin to charge it, the display may be blank for up to 2 minutes before the low-battery image appears. See the Apple Support article If your iPhone or iPod touch won't charge.

WARNING: If you suspect there may be liquid in the Lightning connector of iPhone, don't use the Lightning connector to charge iPhone. For information about exposure to liquid, and other important safety information about the battery and charging iPhone, see Important safety information for iPhone.

Show the percentage of battery remaining in the status bar

- *On an iPhone with Face ID:* Swipe down from the top-right corner.

- *On an iPhone with a Home button:* Go to Settings ⚙ > Battery, then turn on Battery Percentage.

Turn on Low Power Mode

Using Low Power Mode can significantly increase the life of the battery charge. Switch to Low Power Mode when your iPhone battery is low, or when you don't have access to electrical power.

1. Go to Settings ⚙ > Battery.

2. Turn on Low Power Mode.

Low Power Mode limits background activity and optimizes performance for essential tasks like making and receiving calls, email, and messages; accessing the internet; and more.

Note: If your iPhone switches to Low Power Mode automatically, it switches back to normal power mode after charging to 80%. Your iPhone might perform some tasks more slowly when in Low Power Mode.

View your battery usage information

Go to Settings ⚙ > Battery.

Information about your battery usage and activity appears for the last 24 hours and up to the last 10 days.

- *Insights and suggestions:* You might see insights about conditions or usage patterns that cause iPhone to consume energy. You might also see suggestions for lowering energy consumption. If a suggestion appears, you can tap it to go to the related setting.

- *Last Charge Level:* Indicates how fully the battery was last charged and the time it was disconnected.

- *Battery Level graph (in Last 24 Hours):* Shows the battery level, charging intervals, and periods when iPhone was in Low Power Mode or the battery was critically low.

- *Battery Usage graph (in Last 10 Days):* Shows the percentage of battery used each day.

- *Activity graph:* Shows activity over time, split by whether the screen was on or off.

- *Screen On and Screen Off:* Shows total activity for the selected time interval, for when the screen was on and when it was off. The Last 10 Days view shows the average per day.

- *Battery Usage by App:* Shows the proportion of the battery used by each app in the selected time interval.

- *Activity by App:* Shows the amount of time each app was used in the selected time interval.

Note: To see battery information for a specific hour or day, tap that time interval in the graph. To deselect it, tap outside the graph.

Check your battery's health

1. Go to Settings ⚙ > Battery.

2. Tap Battery Health.

   iPhone displays information about your battery's capacity, peak performance, and whether your battery needs to be serviced.

Over time, the capacity and performance of all rechargeable batteries, like those found in iPhone, decline. If your battery's health is significantly degraded, an Apple Authorized Service Provider can replace the battery to restore the performance and capacity. See the Battery Service and Recycling website.

To learn how to maximize your battery's performance and lifespan, see the Apple Support article iPhone Battery and Performance.

Optimize iPhone battery charging

iPhone has a setting that helps slow the rate of your battery's aging by reducing the time it spends fully charged. This setting uses machine learning to understand your daily charging routine, then waits to finish charging past 80% until you need it.

1. Go to Settings ⚙ > Battery, then tap Battery Health.

2. Turn on Optimized Battery Charging.

To understand how your battery works so you can get the most out of it, see the Apple Lithium-ion Batteries website.

Learn the meaning of the iPhone status icons

The icons in the status bar at the top of the screen provide information about iPhone. On an iPhone with Face ID, there are additional status icons at the top of Control Center.

Status icon	What it means
▃▅▆▇	**Cell signal** The number of bars indicates the signal strength of your cellular service. If there's no signal, "No Service" appears.
▃▅▆▇	**Dual cell signals** On models with Dual SIM, the upper row of bars indicates the signal strength of the line you use for cellular data. The lower row of bars indicates the signal strength of your other line. If there's no signal, "No Service" appears. To see the status icons with their corresponding cellular plan labels and carrier names, open Control Center.
✈	**Airplane mode** Airplane mode is on—you can't make phone calls, and other wireless functions may be disabled. See Choose iPhone settings for travel.
LTE	**LTE** Your carrier's LTE network is available, and iPhone can connect to the internet over that network (not available in all countries or regions). See View or change cellular settings on iPhone.
5G E	**5G E** Your carrier's 5G E network is available, and iPhone can connect to the internet over that network (supported on iPhone 8 and later; not available in all regions). See View or change cellular settings on iPhone.
5G E	**5G** Your carrier's 5G network is available, and iPhone can connect to the internet over that network (supported on iPhone 12 mini, iPhone 12, iPhone 12 Pro, and iPhone 12 Pro Max; not available in all regions). See View or change cellular settings on iPhone.
5G E	**5G+** Your carrier's 5G+ network is available, and iPhone can connect to the internet over that network (supported on iPhone 12 mini, iPhone 12, iPhone 12 Pro, and iPhone 12 Pro Max; not available in all regions). See View or change cellular settings on iPhone.

Status icon	What it means
5G E	**5G UW** Your carrier's 5G UW network is available, and iPhone can connect to the internet over that network (supported on iPhone 12 mini, iPhone 12, iPhone 12 Pro, and iPhone 12 Pro Max; not available in all regions). See View or change cellular settings on iPhone.
4G	**UMTS** Your carrier's 4G UMTS (GSM) or LTE network (depending on the carrier) is available, and iPhone can connect to the internet over that network (not available in all countries or regions). See View or change cellular settings on iPhone.
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 View or change cellular settings on iPhone.
E	**EDGE** Your carrier's EDGE (GSM) network is available, and iPhone can connect to the internet over that network. See View or change cellular settings on iPhone.
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 View or change cellular settings on iPhone.
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 on iPhone.
(Wi-Fi icon)	**Wi-Fi** iPhone is connected to the internet over a Wi-Fi network. See Connect iPhone to a Wi-Fi network.
(Personal Hotspot icon)	**Personal Hotspot** iPhone is connected to the internet through the Personal Hotspot of another device. See Join a Personal Hotspot.
9:41	**Personal Hotspot Indicator** A blue bubble or bar indicates iPhone is either providing a Personal Hotspot or Screen Mirroring, or an app is actively using your location. See Share your internet connection from iPhone.
9:41	**Call Indicator** A green bubble or bar indicates iPhone is on a call. See Make a call on iPhone.
9:41	**Recording Indicator** A red bubble or bar indicates iPhone is either recording sound or recording your screen. See Make a recording in Voice Memos on iPhone.
(green dot)	**Camera In Use Indicator** A green indicator appears at the top of your screen whenever an app is using your camera. Measure dimensions with iPhone.
(orange dot)	**Microphone In Use Indicator** An orange indicator appears at the top of your screen whenever an app is using your microphone. Make a recording in Voice Memos on iPhone.
(CarPlay icon)	**CarPlay** iPhone is connected to CarPlay. See Connect iPhone to CarPlay.
(Syncing icon)	**Syncing** iPhone is syncing with your computer. See Sync iPhone with your computer.
(Network activity icon)	**Network activity** Shows that there's network activity. Some third-party apps may also use it to show an active process.

Status icon	What it means
VPN	**VPN** iPhone is connected to a network using VPN.
	Call Forwarding Call Forwarding is set up. See Set up call forwarding and call waiting on iPhone.
	TTY Software RTT / TTY or Hardware TTY is turned on. See Set up and use RTT and TTY on iPhone.
	Lock iPhone is locked. See Access features from the iPhone Lock Screen.
	Do Not Disturb Do Not Disturb is turned on. See Set Do Not Disturb on iPhone.
	Portrait orientation lock The iPhone screen is locked in portrait orientation. See Change or lock the screen orientation on iPhone.
	Location Services An item is using Location Services. See Control the location information you share on iPhone.
	Alarm An alarm is set. See Set an alarm on iPhone.
	Headphones connected iPhone is paired with Bluetooth headphones that are turned on and within Bluetooth range. See Set up and listen to Bluetooth headphones.
	Bluetooth battery Shows the battery level of a paired Bluetooth device.
	Battery Shows the iPhone battery level. When the icon is yellow, Low Power Mode is on. See Charge and monitor the iPhone battery.
	Battery Charging Shows the iPhone battery is charging. See Charge and monitor the iPhone battery.
	AirPlay AirPlay is on. See Wirelessly stream videos and photos to Apple TV or a smart TV from iPhone.
	Voice Control Voice Control is turned on in Settings > Accessibility, and Siri is ready for your requests. See Control iPhone with your voice.
	Siri Eyes Free Siri is available for your spoken requests in your car. See Use Siri in your car.

Choose iPhone settings for travel

When you travel with iPhone, choose settings that minimize cellular charges and comply with airline requirements. See View or change cellular settings on iPhone. Some airlines let you keep your iPhone turned on if you switch to airplane mode. You can't make calls or use Bluetooth in airplane mode, but you can listen to music, play games, watch videos, or use other apps that don't require network or phone connections.

Turn on airplane mode

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.

Turn on Wi-Fi or Bluetooth while in airplane mode

If your airline allows it, you can use Wi-Fi or Bluetooth while in airplane mode.

1. Open Control Center, then turn on airplane mode.

2. Tap 📶 (for Wi-Fi) or ✳ (for Bluetooth).

Tap to turn on Bluetooth.

Tap to turn on Wi-Fi.

If you turn on Wi-Fi or Bluetooth while in airplane mode, it will be on the next time you return to airplane mode. You can turn it off again in Control Center.

Tap to turn off Bluetooth in airplane mode.

Tap to turn off Wi-Fi in airplane mode.

App Store

Get apps in the App Store on iPhone

In the App Store app Ⓐ📱, you can discover new apps, read featured stories, and learn tips and tricks.

Find apps

🎙 **Ask Siri.** Say something like: "Search the App Store for cooking apps" or "Get the Minecraft app." Learn how to ask Siri.

You can also tap any of the following:

- *Today:* Discover featured stories and apps.

- *Apps:* Explore new releases, see the top charts, or browse by category.

- *Search:* Enter what you're looking for, then tap Search on the keyboard.

Get more info about an app

Tap an app to see the following information and more:

- Supported languages

- Compatibility with other Apple devices

- File size

- Screenshots or previews

- Game Center and Family Sharing support

- Ratings and reviews

- Privacy information

Buy and download an app

1. To buy an app, tap the price. If the app is free, tap Get.

   If you see ☁ instead of a price, you already purchased the app, and you can download it again without a charge.

2. If required, authenticate your Apple ID with Face ID, Touch ID, or your passcode to complete your purchase.

While the app is downloading, its icon appears on the Home Screen with a progress indicator. You can also find the app in the App Library, in the Recently Added category.

Share or give an app

1. Tap the app to see its details.

2. Tap ⬆, then choose a sharing option or tap Gift App (not available for all apps).

Redeem or send an App Store & iTunes gift card

1. Tap 👤 or your profile picture at the top right.

2. Tap one of the following:

   - Redeem Gift Card or Code

   - Send Gift Card by Email

Note: You need an internet connection and an Apple ID to use the App Store. The availability of the App Store and Apple Arcade varies by country or region. Not all Apple Arcade content shown may be available at service availability. See the Apple Support article Availability of Apple Media Services.

Use App Clips on iPhone

An App Clip is a small part of an app that lets you do a task quickly, without downloading and installing the full app. You can discover App Clips in Safari, Maps, Messages, or in the real world when you rent a bike, pay for parking, or order food.

Get and use an App Clip

When you discover an App Clip, open it in one of the following ways:

- Tap the App Clip link in Safari, Maps, or Messages.

- Using the iPhone camera, scan the QR code shown at the physical location, such as a restaurant or payment terminal.

- Bring your iPhone (supported models) close to the near-field communications (NFC) tag.

The App Clip card appears at the bottom of the screen.

In supported App Clips, you can use Sign in with Apple, then make a payment using Apple Pay.
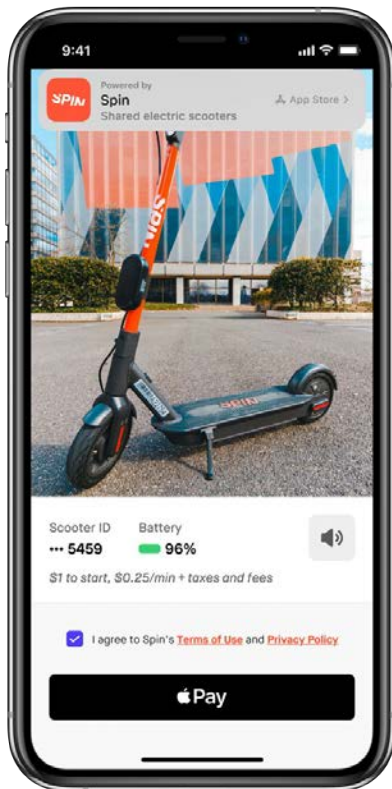
With some App Clips, you can tap the banner at the top to see the full app in the App Store.

Find an App Clip you recently used on iPhone

Go to the App Library, then tap Recently Added.

Remove App Clips

Go to Settings ⚙️ > App Clips, then tap Remove All App Clips.

Subscribe to Apple Arcade on iPhone

In the App Store app 🅰️, you can subscribe to Apple Arcade to enjoy unlimited access to a curated collection of games on iPhone, iPad, iPod touch, Mac, and Apple TV.

If you use Family Sharing, up to five other family members can share the subscription for no additional charge.
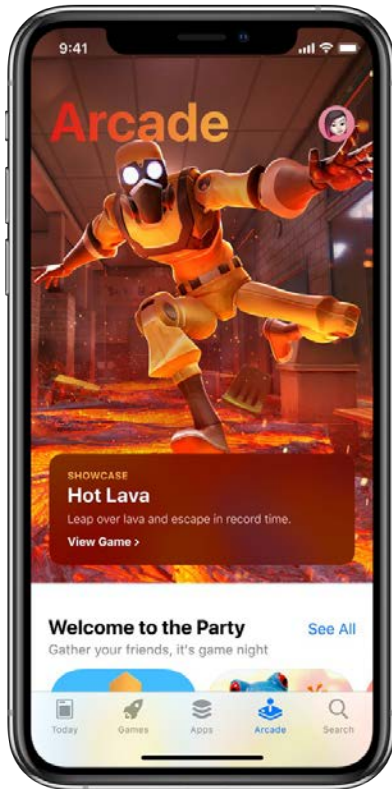
Note: Apple Arcade isn't available in all countries or regions.

Get Apple Arcade

1. In the App Store, tap Arcade, then do one of the following:

   - *Start a free one-month subscription (if eligible):* Tap Try It Free.

   - *Start a monthly subscription:* Tap Subscribe.

2. Review the subscription details, then confirm with Face ID, Touch ID, or your Apple ID.

Cancel your Apple Arcade subscription

1. In the App Store, tap 🔵 or your profile picture at the top right, then tap Subscriptions.

2. Tap Apple Arcade, then tap Cancel Subscription.

After you cancel your subscription, you won't be able to play any Apple Arcade games, even if you downloaded them to your device. Delete the apps if you don't need them anymore.

You can resubscribe to play Apple Arcade games again and regain access to your gameplay data. If you wait too long, some of your gameplay data might not be supported after you resubscribe.

Play games on iPhone

In the App Store app ⬛, you can discover new games and play with your friends using Game Center.

Find and download games

1. Tap any of the following tabs:

   - *Games:* Explore new releases, see the top charts, or browse by category.

   - *Arcade:* See the games available in Apple Arcade.

   - *Search:* Enter what you're looking for, then tap Search on the keyboard.

2. To buy a game, tap the price or, if the game is free, tap Get. If the game is included with your Apple Arcade subscription, tap Play.

   If you see ☁ instead of a price, you already purchased the game, and you can download it again without a charge.

3. If required, authenticate your Apple ID with Face ID, Touch ID, or your passcode to complete your purchase.

Play Apple Arcade games on your other Apple devices

All of the games in Apple Arcade on iPhone are also available in Apple Arcade on other devices. If you subscribe to Apple Arcade, you can access your game progress on devices where you're signed in with your Apple ID.

See the Apple Support article Access your Apple Arcade gameplay data on all of your devices.

Connect a wireless game controller to iPhone

See the Apple Support article Connect a wireless game controller to your Apple device.

Play with your friends on Game Center

You can send friend requests, manage your public profile, and track your high scores across your Apple devices using Game Center.

1. Go to Settings ⚙ > Game Center, then sign in with your Apple ID.

2. To create a Game Center profile, do any of the following:

- *Choose a nickname:* Tap Nickname, then enter a name or choose one of the suggestions. Your friends see your nickname when you play games together.

- *Personalize your profile picture:* Tap Edit at the top, then create a new Memoji, use an existing Memoji, or customize how your initials appear.

3. To add friends, tap Friends, tap Add Friends, then enter their phone number or Apple ID, or tap ⊕ to invite someone in your Contacts list.

   To accept a friend request, the recipient must click the link in the text message on their iPhone, iPad, iPod touch, or Mac that meets the minimum system requirements for Apple Arcade.

In your list of friends, tap a friend to see games they recently played and their achievements. You can also report a user for cheating, an inappropriate picture or nickname, or another problem. To remove a friend, tap Remove Friend.

Set Game Center restrictions

You can set restrictions for multiplayer games, adding friends, private messaging, and more.

1. Go to Settings 	⚙ > Screen Time > Content & Privacy Restrictions, then turn on Content & Privacy Restrictions.

2. Tap Content Restrictions, scroll down to Game Center, then set restrictions.

Install and manage fonts on iPhone

You can download fonts from the App Store app 🅰, then use them in documents you create on iPhone.

1. After you download an app containing fonts from the App Store, open the app to install the fonts.

2. To manage installed fonts, go to Settings ⚙ > General, then tap Fonts.

Manage App Store purchases, subscriptions, settings, and restrictions on iPhone

In the App Store app 🅰, you can manage subscriptions and review and download purchases made by you or other family members. You can also set restrictions and customize your preferences for the App Store in Settings ⚙.

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. See Turn on Ask To Buy for children on iPhone.

Find and download apps purchased by you or family members

1. Tap 🔵 or your profile picture at the top right, then tap Purchased.

2. If you set up Family Sharing, tap My Purchases or choose a family member to view their purchases.

   Note: You can see purchases made by family members only if they choose to share their purchases. Purchases made with Family Sharing may not be accessible after the family member leaves the family group.

3. Find the app you want to download (if it's still available in the App Store), then tap ☁️.

Manage your subscriptions

Tap 🔵 or your profile picture at the top right, then tap Subscriptions.

Change your App Store settings

Go to Settings ⚙️ > App Store, then do any of the following:

- *Automatically download apps purchased on your other Apple devices:* Below Automatic Downloads, turn on Apps.

- *Automatically update apps:* Turn on App Updates.

- *Control the use of cellular data for app downloads:* To allow downloads to use cellular data, turn on Automatic Downloads (below Cellular Data). To choose whether you want to be asked for permission for downloads over 200 MB or all apps, tap App Downloads.

- *Automatically play app preview videos:* Turn on Video Autoplay.

- *Automatically remove unused apps:* Turn on Offload Unused Apps. You can reinstall an app at any time if it's still available in the App Store.

Set content restrictions and prevent in-app purchases

After you turn on content and privacy restrictions, do the following.

1. Go to Settings ⚙️ > Screen Time > Content & Privacy Restrictions > Content Restrictions.

2. Set restrictions such as the following:

- *iTunes & App Store Purchases:* Control app installations, app deletions, and in-app purchases.

- *Apps:* Restrict apps by age ratings.

- *App Clips:* Prevent App Clips from opening.

Books

Find and buy books and audiobooks in Apple Books on iPhone

In the Books app 📙, you can find today's bestsellers, view top charts, and browse lists curated by Apple Books editors. After you select a book or audiobook, you can read or listen to it right in the app.

1. Open Books, then tap Book Store or Audiobooks to browse titles, or tap Search to look for a specific title or author.

2. Tap a book cover to see more details, read a sample, listen to a preview, or mark as Want to Read.

3. Tap Buy to purchase a title, or tap Get to download a free title.

   All purchases are made with the payment method associated with your Apple ID.

Note: You can allow books and audiobooks to be downloaded automatically over your cellular network when you aren't connected to Wi-Fi. Go to Settings ⚙ > Books, scroll to Cellular Data, tap Downloads, then tap Always Allow.

Read books in the Books app on iPhone

In the Books app 📖, use the Reading Now and Library tabs at the bottom of the screen to see the books you're reading, the books you want to read, your book collections, and more.

- *Reading Now:* Tap to access the books and audiobooks you're currently reading. Scroll down to see books and audiobooks you've added to your Want To Read collection and books you've sampled. You can also set daily reading goals and keep track of the books you finish throughout the year.

- *Library:* Tap to see all of the books, audiobooks, series, and PDFs you got from the Book Store or manually added to your library. You can tap Collections to see your books sorted into collections, such as Want to Read, My Samples, Audiobooks, and Finished.

Read a book

Tap the Reading Now or Library tab, then tap a cover to open a book. Use gestures and controls to navigate as follows:

- *Turn the page:* Tap the right side of the page or swipe right to left.

- *Go back to the previous page:* Tap the left side of the page or swipe left to right.

- *Go to a specific page:* Tap the page and move the slider at the bottom of the screen left or right. Or, tap Q and enter a page number, then tap the page number in the search results.

- *Close a book:* Tap the center of the page to show the controls, then tap $<$.
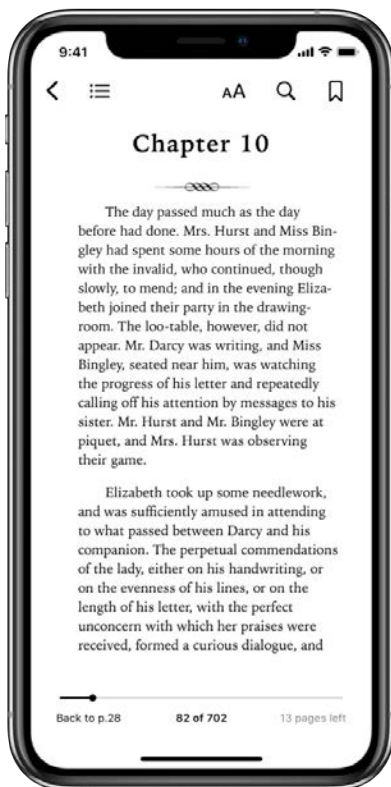
When you finish a book, personalized recommendations appear to help you discover your next read.

Change text and display appearance

Tap the page, tap $_AA$, then do any of the following:

- *Adjust the screen brightness:* Drag the slider left or right.

- *Change the font size:* Tap the large A to increase the font size or tap the small A to decrease it.

- *Change the font:* Tap Fonts to choose a different font.

- *Change the page background color:* Tap a colored circle.

- *Dim the screen when it's dark:* Turn Auto-Night Theme on to automatically change the page color and brightness when using Books in low-light conditions. (Not all books support Auto-Night Theme.)

- *Turn off pagination:* Turn Vertical Scrolling on to scroll continuously through a book or PDF.
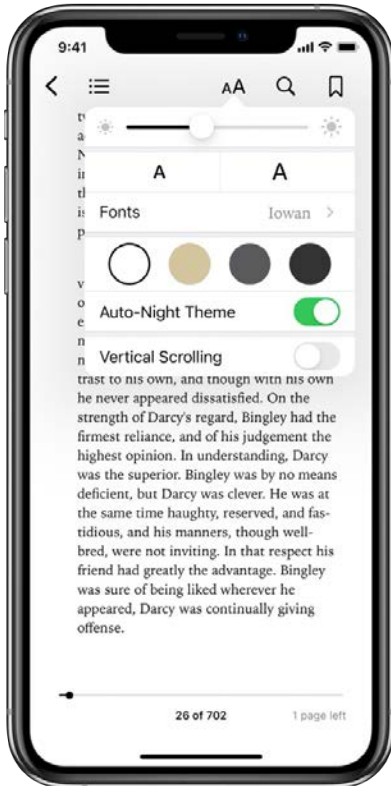
Bookmark a page

When you close a book, your place is saved automatically—you don't need to add a bookmark. Bookmark pages you want to return to again.

Tap 🔖 to add a bookmark; tap it again to remove the bookmark.

To see all your bookmarks, tap ☰, then tap Bookmarks.

Highlight or underline text

1. Touch and hold a word, then move the grab points to adjust the selection.

2. Tap Highlight, then tap 🟡 to choose a highlight color or to underline.

   To remove a highlight or underline, tap the text, then tap 🗑.

To see all of your highlights, tap ☰, then tap Notes.

Add a note

1. Touch and hold a word, then move the grab points to adjust the selection.

2. Tap Note, use the keyboard to enter text, then tap Done.

To see all of your notes, tap ☰, then tap Notes. Swipe left on a note to delete it.

Share a selection

You can send text selections using AirDrop, Mail, or Messages, or you can add the selection to Notes. If the book is from the Book Store, a link to the book is included with the selection. (Sharing may not be available in all countries or regions.)

1. Touch and hold a word, then move the grab points to adjust the selection.

2. Tap Share, then choose a method.

You can also send a link to view the book in the Book Store. Tap any page, tap ☰, then tap ⬆.

Access your books on all your devices

To keep your Books information updated across your iPhone, iPad, and iPod touch, sign with the same Apple ID on each device, then do the following:

- *Sync Reading position, bookmarks, notes, and highlights:* Go to Settings ⚙ > [*your name*] > iCloud, then turn on both iCloud Drive and Books.

- *Sync Reading Now, Library, and collections:* Go to Settings > [*your name*] > iCloud, and turn on both iCloud Drive and Books. Then go to Settings > Books, and turn on Reading Now.

See Set up iCloud on your iPhone, iPad, or iPod touch.

Access your books on your Mac

To see your books, audiobooks, and PDFs on your Mac, choose Apple menu > System Preferences, then do one of the following:

- *macOS 10.15 or later:* Click Apple ID, select iCloud in the sidebar, then select iCloud Drive. Click Options, then select Books.

- *macOS 10.14 or earlier:* Click iCloud, then select iCloud Drive. Click Options, then select Books.

To see your collections, bookmarks, notes, and highlights on your Mac, open Books, choose Preferences, click General, then select "Sync collections, bookmarks, and highlights across devices."

Listen to audiobooks in Books on iPhone

Use the Books app 📖 to listen to audiobooks on your iPhone.

Play an audiobook

In Reading Now or in the Audiobooks collection in your Library, tap the audiobook cover, then do any of the following:

- *Skip forward or back:* Touch and hold the rounded arrows, slide and hold the book cover, or use external controls such as headphones or car controls.

  Note: To change the number of seconds that skipping advances, go to Settings ⚙ > Books, then scroll down to Audiobooks.

- *Speed it up, or slow it down:* Tap the playback speed in the lower-left corner to choose a different speed.

- *Set a sleep timer:* Tap 🌙, then choose a duration.

- *Go to a chapter:* Tap ☰, then tap a chapter.

  Note: Some audiobooks refer to chapters as *tracks*, or don't define chapters.

- *Go to a specific time:* Drag the playhead, directly below the audiobook cover. The point where you started listening is marked with a gray circle on the timeline. Tap the circle to jump back to that spot.

If a Wi-Fi connection to the internet isn't available, audiobooks play over your carrier's cellular network, which may result in additional fees. Audiobooks over 200 MB can't be streamed over cellular (iOS 13.3 or earlier). To manage cellular data usage, see View or change cellular settings on iPhone.

Set reading goals in Books on iPhone

The Books app 📖 helps you keep track of how many minutes you read every day, and how many books and audiobooks you finish each year. You can customize your goals to spend more time reading, set new reading streaks, and share your achievements with friends.
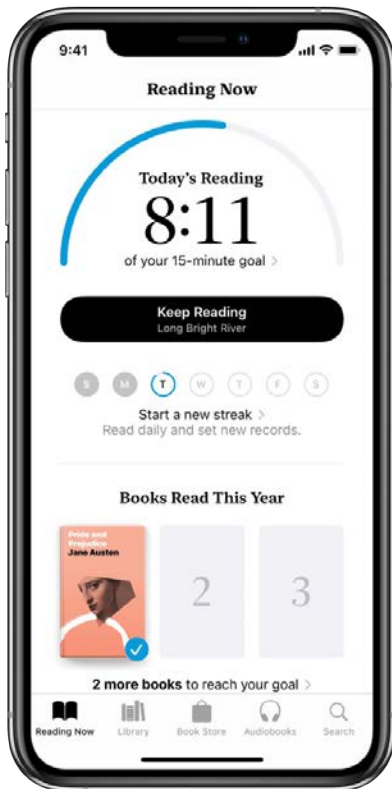
Change your daily reading goal

You can adjust your daily reading goal depending on how many minutes you want to read per day. If you don't customize your daily reading goal, it's set to five minutes per day.

1. Tap the Reading Now tab, then swipe down to Reading Goals.

2. Tap Today's Reading, then tap Adjust Goal.

3. Slide the counter up or down to set the minutes per day that you want to read, then tap Done.

When you reach your daily reading goal, you receive a notification from Books; tap it to get more details about your achievement, or send your achievement to friends.

Note: To count PDFs toward your reading goal, go to Settings ⚙ > Books, then turn on Include PDFs (iOS 13.1 or later).

Change your yearly reading goal

After you finish reading a book or audiobook in Books, the Books Read This Year collection appears below Reading Goals. The default yearly reading goal is three books per year, but you can increase or decrease your goal depending on how many books you want to finish.

1. Tap the Reading Now tab, then swipe down to Books Read This Year.

2. Tap a gray placeholder square, or a book cover, then tap Adjust Goal.

3. Slide the counter up or down to set the books per year that you want to read, then tap Done.

When you reach your yearly reading goal, you receive a notification from Books; tap it to get more details about your achievement, or send your achievement to friends.

See your reading streaks and records

Books lets you know how many days in a row you reach your daily reading goal and notifies you when you set a record.

To view your current reading streak and record, tap Reading Now, then swipe down to Reading Goals.

Turn off notifications and Reading Goals

Turn off notifications: To stop receiving notifications when you achieve a reading goal or set a reading streak, tap your account in the top-right corner of the Reading Now tab, tap Notifications, then turn off Reading Goals.

Turn off Reading Goals: Go to Settings ⚙ > Books, then turn off Reading Goals. When Reading Goals is turned off, the reading indicators in Reading Now are hidden and you don't receive notifications.

Organize books in the Books app on iPhone

In the Books app 📖, the books and audiobooks you purchase are saved in your library and automatically sorted into collections, such as Audiobooks, Want to Read, and Finished.
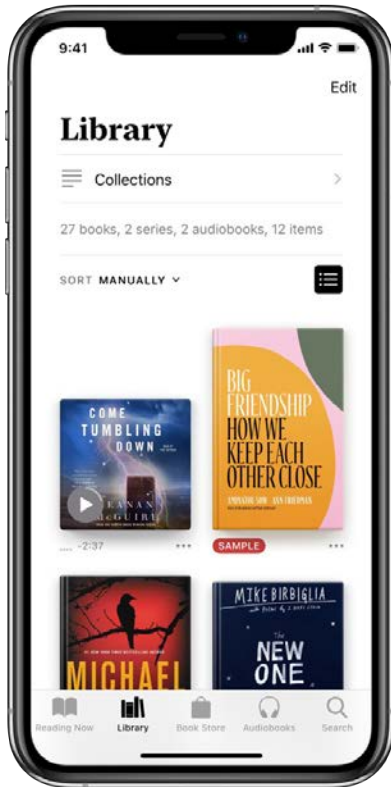
Create a collection and add books to it

You can create your own collections to personalize your library.

1. Tap Library, tap Collections, then tap New Collection.

2. Name the collection, for example, *Beach Reads* or *Book Club*, then tap Done.

3. To add a book to the collection, tap ••• below the book cover (or on the book's details page in the Book Store), tap Add to Collection, then choose the collection.

   You can add the same book to multiple collections.

Sort books in your library

Choose how the books in your library are sorted and appear.

1. Tap Library, then scroll down and tap the word that appears next to Sort or Sort By.

2. Choose Recent, Title, Author, or Manually.

   If you choose Manually, touch and hold a book cover, then drag it to the position you want.

3. Tap ☰ to view books by title or cover.

💡 **Tip:** You can sort books in a collection the same way.

Remove books, audiobooks, and PDFs

You can remove books, audiobooks, and PDFs from Reading Now and your library collections, or hide them on your iPhone.

1. Tap Library, then tap Edit.

2. Tap the items you want to remove.

3. Tap 🗑 and select an option.

To unhide books that you have hidden, tap Reading Now, tap your account icon, then tap Manage Hidden Purchases.

To redownload books you have already purchased, see the Apple Support article Redownload apps, music, movies, TV shows, and books from the App Store, iTunes Store, and Apple Books.

Read PDF documents in Books on iPhone

In the Books app 📚, you can open and save PDFs that you receive in Mail, Messages, and other apps.

Open PDFs in Books

Tap the PDF attachment to open it, tap ⬆️, then tap Books.

Share or print a PDF document

Open the PDF document, tap ⬆️, then choose a share option such as AirDrop, Mail, or Messages, or tap Print.

See About AirPrint.

Mark up a PDF

Open the PDF and tap Ⓐ to use the drawing and annotation tools (tap near the center of a page if you don't see Ⓐ).

See Draw in apps with Markup on iPhone.

View PDFs across devices

You can see PDFs and books that are not from the Book Store across your iPhone, iPad, iPod touch, and Mac where you're signed in with the same Apple ID.

Go to Settings ⚙ > [*your name*] > iCloud, turn on iCloud Drive, then turn on Books. Then go to Settings > Books, and turn on iCloud Drive.

Apps

Use Calculator on iPhone

In the Calculator app 🔢, you can perform basic arithmetic calculations with the standard calculator. Or use the scientific calculator for exponential, logarithmic, and trigonometric functions.

🎤 **Ask Siri.** Say something like: "What's 74 times 9?" or "What's 18 percent of 225?" Learn how to ask Siri.

Use the scientific calculator

Rotate iPhone to landscape orientation.

Copy, delete, or clear numbers

- *Copy a calculation result:* Touch and hold the calculation result in the display, tap Copy, then paste the result somewhere else, such as a note or message.

- *Delete the last digit:* If you make a mistake when you enter a number, swipe left or right on the display at the top.

- *Clear the display:* Tap the Clear (C) key to delete the last entry, or tap the All Clear (AC) key to delete all entries.

Calendar

Create and edit events in Calendar on iPhone

Use the Calendar app 📅 to create and edit events, appointments, and meetings.

View list of events.

Change calendars
or accounts.

View invitations.
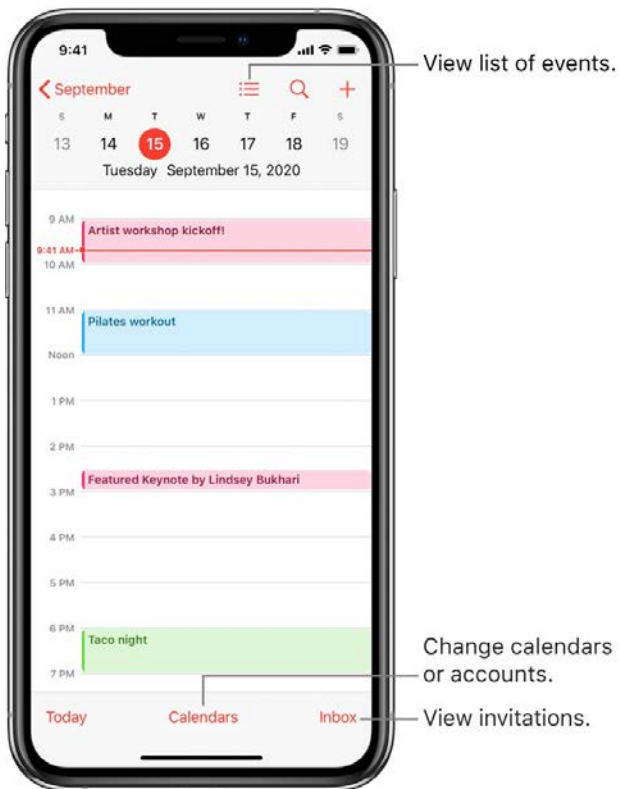
🎤 **Ask Siri.** Say something like:

- "Set up a meeting with Gordon at 9"

- "Do I have a meeting at 10?"

- "Where is my 3:30 meeting?"

Learn how to ask Siri

Add an event

1. In day view, tap ✚ near the top left.

2. Fill in the event details.

   Enter the title and location of the event, the start and end times, how often it repeats, and so on.

3. Tap Add.

Add an alert

You can set an alert to be reminded of an event beforehand.

1. Tap the event, then tap Edit near the top right.

2. In the event details, tap Alert.

3. Choose when you want to be reminded.

    For example, "At time of event," "5 minutes before," or another choice.

    Note: If you add the address of the event's location, Calendar uses Apple Maps to look up locations, traffic conditions, and transit options to tell you when it's time to leave.

Add an attachment

You can add an attachment to a Calendar event to share with invitees.

1. Tap the event, then tap Edit near the top right.

2. In the event details, tap Add attachment.

    The Files app opens, displaying your recently opened files.

3. Locate the file you want to attach.

    To find the file, you can enter its name in the search field, scroll, tap folders to open them, tap Browse to look in other locations (such as iCloud Drive), and so on. See View files and folders in Files on iPhone.

4. Tap Done.

To remove the attachment, tap the event, tap Edit near the top right, swipe left over the attachment, then tap Remove.

Find events in other apps

Siri can suggest events found in Mail, Messages, and Safari—such as flight reservations and hotel bookings—so you can add them easily in Calendar.

1. Go to Settings ⚙ > Calendar > Siri & Search.

2. Turn on Show Siri Suggestions in App to allow Siri to suggest events found in other apps.

To allow Siri to make suggestions in other apps based on how you use Calendar, turn on Learn from this App.

Edit an event

You can change the time of an event and any of the other event details.

- *Change the time:* In day view, touch and hold the event, then drag it to a new time, or adjust the grab points.

- *Change event details:* Tap the event, tap Edit near the top right, then in the event details, tap a setting to change it, or tap in a field to type new information.

Delete an event

In day view, tap the event, then tap Delete Event at the bottom of the screen.

Send and receive invitations in Calendar on iPhone

In the Calendar app 📅, send and receive meeting and event invitations. iCloud, Microsoft Exchange, and some CalDAV servers let you send and receive meeting invitations. (Not all calendar servers support every feature.)

Invite others to an event

1. Tap the event, tap Edit, tap Invitees, then tap Add Invitees.

   Or, if you didn't schedule the event, tap it, tap Invitees, then tap ✉.

2. Type the names or email addresses of invitees, or tap ⊕ to select Contacts.

3. Tap Done (or tap Send if you didn't schedule the event).

With Microsoft Exchange, and some other servers, you can invite people to an event even if you're not the one who scheduled it.

If you don't want to be notified when someone declines a meeting, go to Settings ⚙ > Calendar, then turn off Show Invitee Declines.

Reply to an event invitation

1. To respond to an event notification, tap it.

   Or, in Calendar, tap Inbox, then tap an invitation.

2. Tap your response—Accept, Maybe, or Decline.

To respond to an invitation you receive by email, tap the underlined text in the email, then tap Show in Calendar.

If you add comments to your response (comments 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 at the bottom of the screen, then turn on Show Declined Events.

Schedule an event without blocking your schedule

You can add an event to your calendar without having the timeframe appear as busy to others who send you invitations.

1. Tap the event, then tap Edit.

2. Tap Show As, then tap Free.

Suggest a different meeting time

You can suggest a different time for a meeting invitation you've received.

1. Tap the meeting, then tap Propose New Time.

2. Tap the time, then enter a new one.

Depending on the capabilities of your calendar server, the organizer will receive either a counter-proposal or an email with your suggestion.

Quickly send an email to attendees

1. Tap an event that has attendees.

2. Tap Invitees, then tap ✉.

Change how you view events in Calendar on iPhone

In the Calendar app 📅, you can view one day, a week, a month, or a year at a time, or view a list of upcoming events. To change your view of Calendar, do any of the following:

- *Zoom in or out:* 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.

- *View a weekly calendar:* In day view, rotate iPhone sideways.

- *View a list of events:* In month view, tap 🖥 to see the day's events. (Tap 🖥 again to return to month view.)

Search for events in Calendar on iPhone

In the Calendar app 📅, you can search for events by title, invitees, location, and notes.

Tap 🔍, then, in the search field, enter the text you want to find.

🎙 **Ask Siri.** Say something like: "What's on my calendar for Friday?" Learn how to ask Siri.

Customize your calendar on iPhone

In the Calendar app 🗓, you can choose which day of the week Calendar starts with, display week numbers, choose alternate calendars (for example, to display Chinese or Hebrew dates), override the automatic time zone, and more.

Go to Settings ⚙ > Calendar, then choose the settings and features you want.

Keep track of events in Calendar on iPhone

In the Calendar app 🗓, you can customize the notifications that let you know about upcoming Calendar events, invitations, and more. You can also make sure your events and other calendar information are kept up to date on all your devices.

Customize Calendar notifications

1. Go to Settings ⚙ > Notifications > Calendar.

2. Turn on Allow Notifications.

3. Tap a type of event (for example, Upcoming Events), then choose how and where you want the notifications for those events to appear—for example, on the Lock Screen, in Notification Center, as banners at the top of the screen, with an alert sound, and so on.

Keep your Calendar up to date across your devices

You can use iCloud to keep your Calendar information up to date on all your devices where you're signed in with the same Apple ID.

Go to Settings ⚙ > [*your name*] > iCloud, then turn on Calendars.

If you don't want to use iCloud for your Calendar, you can sync your Calendar information between your iPhone and your computer. See Sync iPhone with your computer.

Set up multiple calendars on iPhone

In the Calendar app 🗓, you can set up multiple calendars to keep track of different kinds of events. Although you can keep track of all your events and appointments in one place, you don't have to. Additional calendars are easy to set up, and a great way to stay organized.

Select which calendars to view.
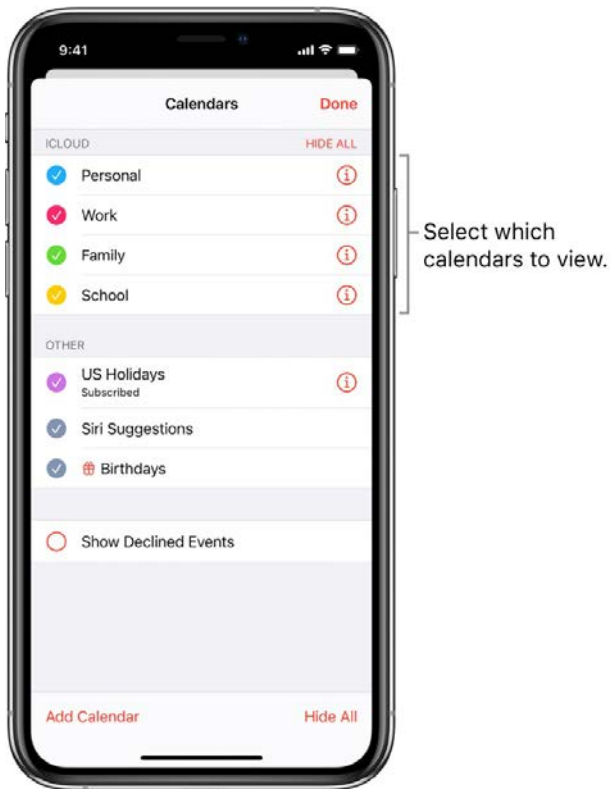
See multiple calendars at once

To view multiple calendars, tap Calendars at the bottom of the screen, then do any of the following:

- Select the calendars you want to view.

- Tap US Holidays to include national holidays with your events.

- Tap Birthdays to include birthdays from Contacts with your events.

Set a default calendar

You can set one of your calendars as the default calendar. When you add an event using Siri or other apps, it's added to your default calendar.

1. Go to Settings 　 > Calendar > Default Calendar.

2. Select the calendar you want to use as your default calendar.

Change a calendar's color

1. Tap Calendars at the bottom of the screen.

2. Tap ⓘ next to the calendar, then choose a color.

3. Tap Done.

For some calendar accounts, such as Google, the color is set by the server.

Turn on iCloud, Google, Exchange, or Yahoo calendars

1. Go to Settings ⚙ > Calendar > Accounts > Add Account.

2. Do any of the following:

   - Tap a mail service (iCloud or Microsoft Exchange, for example), then sign in to your account.

   - Tap Other, tap Add CalDAV Account or Add Subscribed Calendar, then enter your server and account information.

Subscribe to a calendar

1. Go to Settings ⚙ > Calendar > Accounts > Add Account > Other.

2. Tap Add Subscribed Calendar.

3. Enter the URL of the .ics file to subscribe to and any other required server information.

You can also subscribe to an iCalendar (.ics) calendar by tapping a link to the calendar.

Add a CalDAV account

1. Go to Settings ⚙ > Calendar > Accounts > Add Account > Other.

2. Tap Add CalDAV account.

3. Enter your server and account information.

Move an event to another calendar

Tap the event, tap Calendar, then select a calendar to move the event to.

Share iCloud calendars on iPhone

In the Calendar app 📅, you can 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 but not change.

Create an iCloud calendar

1. Tap Calendars at the bottom of the screen.

2. Tap Add Calendar.

3. Type a name for the new calendar, then tap Done.

Share an iCloud calendar

You can choose to share a calendar with one or more people in iCloud. Those you invite receive an invitation to join the calendar.

1. Tap Calendars at the bottom of the screen.

2. Tap ⓘ next to the iCloud calendar you want to share.

3. Tap Add Person, then enter a name or email address, or tap ⊕ to browse your Contacts.

4. Tap Add.

Change a person's access to a shared calendar

After you invite a person to share your calendar, you can turn on or off their ability to edit the calendar, or stop sharing the calendar with that person.

1. Tap Calendars, tap ⓘ next to the shared calendar, then tap the person's name.

2. Do any of the following:

   - Turn on or off Allow Editing.

   - Tap Stop Sharing.

Turn off notifications for shared calendars

When someone modifies a calendar you're sharing, you're notified of the change. You can turn off notifications, if you don't want to receive them.

1. Go to Settings ⦿ > Notifications > Calendar > Shared Calendar Changes.

2. Turn off Allow Notifications.

Share a read-only calendar with anyone

1. Tap Calendars, then tap ⓘ next to the iCloud calendar you want to share.

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2. Turn on Public Calendar, then tap Share Link to copy or send the URL for your calendar.

3. Choose a method for sending the URL—Messages, Mail, and so on.

Anyone you send the URL to can use it to subscribe to the calendar using a compatible app, such as Calendar for macOS.

Delete a calendar

1. Tap Calendars at the bottom of the screen.

2. Tap ⓘ next to the iCloud calendar you want to delete.

3. Tap Delete Calendar at the bottom of the list.

Camera

Take photos with your iPhone camera

Learn how to take great photos with Camera 📷 on your iPhone. Choose from camera modes such as Photo, Video, Pano, Time-lapse, Slo-mo, and Portrait (on supported models). Enhance your photos with camera features such as Night mode, Live Photos, filters, and Burst.

🎤 **Ask Siri.** Say something like: "Open Camera." Learn how to ask Siri.
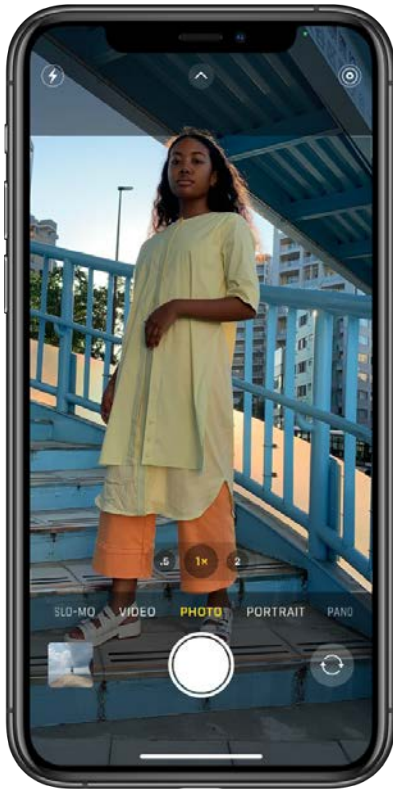
Take a photo

Photo is the standard mode that you see when you open Camera. Use Photo mode to take still photos. Swipe left or right to choose a different mode, such as Video, Pano, Time-lapse, Slo-mo, and Portrait.

1. Tap 📷 on the Home screen or swipe left from the Lock screen to open Camera in Photo mode.

2. Tap the Shutter button or press either volume button to take the shot.

Note: For your security, a green dot appears in the top-right corner of the screen when Camera is in use. See Control access to hardware features.

Turn the flash on or off

On iPhone 12 mini, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone SE (2nd generation), iPhone 11, iPhone 11 Pro, and iPhone 11 Pro Max, iPhone XR, iPhone XS, iPhone XS Max, tap ⚡ to turn the flash on or off. Or, tap ⌃, then tap ⚡ below the frame to choose Auto, On, or Off.

On all other models, tap ⚡, then choose Auto, On, or Off.

Set a timer

On iPhone 12 mini, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone SE (2nd generation), iPhone 11, iPhone 11 Pro, and iPhone 11 Pro Max, iPhone XR, iPhone XS, and iPhone XS Max, tap ⌃, then tap ⏱.

On all other models, tap ⏱ at the top of the screen.

Zoom in or out

- On all models, open Camera and pinch the screen to zoom in or out.

- On iPhone XS, iPhone XS Max, iPhone X, iPhone 8 Plus, and iPhone 7 Plus, toggle between 1x or 2x to zoom in. To zoom in beyond 2x, touch and hold the zoom control, then drag the slider to the left.

- On iPhone 12 mini, iPhone 12, and iPhone 11, toggle between 1x or 0.5x to zoom out. To zoom in beyond 1x, touch and hold the zoom control, then drag the slider to the left.

- On iPhone 12 Pro, iPhone 11 Pro, and iPhone 11 Pro Max, tap 2 to zoom in and .5 to zoom out. To zoom in beyond 2x, touch and hold the zoom control, then drag the slider to the left.

- On iPhone 12 Pro Max, tap 2.5 to zoom in and .5 to zoom out. To zoom in beyond 2.5x, touch and hold the zoom control, then drag the slider to the left.

Take a selfie

Use the front camera to take a selfie in Photo mode or Portrait mode (on supported models).

1. On iPhone 12 mini, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone SE (2nd generation), iPhone 11, iPhone 11 Pro, iPhone 11 Pro Max, iPhone XR, iPhone XS, and iPhone XS Max, tap ⟳ to switch to the front camera. On all other models, tap 📷.

2. Hold your iPhone in front of you.

   💡 **Tip:** On iPhone 12 mini, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone 11, iPhone 11 Pro, and iPhone 11 Pro Max, you can tap the arrows inside the frame to increase the field of view.

3. Tap the Shutter button or press either volume button to take the shot.

To take a mirrored selfie that captures the shot as you see it in the camera frame, go to Settings ⚙ > Camera, then turn on Mirror Front Camera (on supported models).

Adjust the camera's focus and exposure

Before you take a photo, the iPhone camera automatically sets the focus and exposure, and face detection balances the exposure across many faces. If you want to manually adjust the focus and exposure, do the following:

1. Tap the screen to show the automatic focus area and exposure setting.

2. Tap where you want to move the focus area.

3. Next to the focus area, drag ☀ up or down to adjust the exposure.

    To lock your manual focus and exposure settings for upcoming shots, touch and hold the focus area until you see AE/AF Lock; tap the screen to unlock settings.

On models that support Exposure Compensation Control, you can precisely set and lock the exposure for upcoming shots. Tap ⌃, tap ⊕, then move the slider to adjust the exposure. The exposure locks until the next time you open Camera. To preserve the exposure control so it's not reset when you open Camera, go to Settings ⚙ > Camera > Preserve Settings, then turn on Exposure Adjustment.

Take low-light photos with Night mode

On supported models, use Night mode to capture more detail and brighten your shots in low-light situations. The length of the exposure in Night mode is determined automatically, but you can experiment with the manual controls.

Night mode is also available when you take a selfie (on supported models) and when you take photos with the Ultra Wide camera (on supported models).

1. Choose Photo mode. In low-light conditions, night mode turns on automatically when the ⊙ button at the top of the screen turns yellow.

2. A number appears next to the ⊙ button to indicate how many seconds the camera will take to shoot.

   To experiment with Night mode, tap ⊙, then use the slider below the frame to choose between the Auto and Max timers. With Auto, the time is determined automatically; Max uses the longest time. The setting you choose is preserved for your next Night mode shot.

3. Tap the Shutter button, then hold the camera still to take your shot.

   Crosshairs appear in the frame if your iPhone detects movement during capture—align the crosshairs to help you reduce motion and improve the shot.

   To stop taking a Night mode shot mid-capture, tap the Stop button below the slider.

On iPhone 12 mini, iPhone 12, iPhone 12 Pro, and iPhone 12 Pro Max, Night mode is also available when you tap .5x to use the Ultra Wide camera or ⊙ to take a selfie. And on iPhone 12 Pro, and iPhone 12 Pro Max, Night mode is available when you take Portrait mode photos. See Take Portrait mode photos with your iPhone camera.

Take a Live Photo

A Live Photo captures what happens just before and after you take your photo, including the audio.

1. Choose Photo mode.

2. Tap ◎ to turn Live Photos on or off.

3. Tap the Shutter button to take the shot.

You can add effects to Live Photos such as Loop and Bounce. See Edit Live Photos on iPhone.

Take a panorama photo

Use Pano mode to capture landscapes or other shots that won't fit on your camera screen.

1. Choose Pano mode, then tap the Shutter button.

2. Pan slowly in the direction of the arrow, keeping it on the center line.

3. To finish, tap the Shutter button again.

Tap the arrow to pan in the opposite direction. To pan vertically, rotate iPhone to landscape orientation. You can reverse the direction of a vertical pan, too.

Take a photo with a filter

1. Choose Photo or Portrait mode. On iPhone 12 mini, iPhone 12, iPhone 12 Pro, and iPhone 12 Pro Max, iPhone SE (2nd generation), iPhone 11, iPhone 11 Pro, and iPhone 11 Pro Max, iPhone XR, iPhone XS, and iPhone XS Max, tap ⌃, then tap 🔵. On all other models, tap 🔵 at the top of the screen.

2. Below the viewer, swipe the filters left or right to preview them; tap one to choose it.

You can remove or change a photo's filter in Photos. See Revert an edited photo.

Take Burst shots

Burst mode takes multiple high-speed photos so that you have a range of photos to choose from. You can take Burst photos with the rear and front cameras.

1. On iPhone 12 mini, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone SE (2nd generation), iPhone 11, iPhone 11 Pro, and iPhone 11 Pro Max, iPhone XR, iPhone XS, and iPhone XS Max, swipe the Shutter button to the left to take rapid-fire photos. On all other models, touch and hold the Shutter button.

   The counter shows how many shots you took.

2. Lift your finger to stop.

3. To select the photos you want to keep, tap the Burst thumbnail, then tap Select.

   Gray dots below the thumbnails mark the suggested photos to keep.

4. Tap the circle in the lower-right corner of each photo you want to save as an individual photo, then tap Done.

To delete the entire Burst, tap the thumbnail, then tap 🗑.

💡 **Tip:** On supported models, you can press and hold the volume up button to take Burst shots. Go to Settings > Camera, then turn on Use Volume Up for Burst.

Take videos with your iPhone camera

Use Camera 📷 to record videos on your iPhone and change modes to take slow-motion and time-lapse videos.

Note: For your privacy, a green dot appears in the top-right corner of the screen when Camera is in use. See Control access to hardware features on iPhone.

Record a video

1. Choose Video mode.

2. Tap the Record button or press either volume button to start recording. While recording, you can do the following:

   - Press the white Shutter button to snap a still photo.

   - Pinch the screen to zoom in and out.

   - For a more precise zoom on models with Dual and Triple camera systems, touch and hold 1x, then drag the slider to the left.

3. Tap the Record button or press either volume button to stop recording.

By default, video records at 30 fps (frames per second). Depending on your model, you can choose other frame rates and video resolution settings in Settings ⚙ > Camera > Record Video. The faster the frame rate and the higher the resolution, the larger the resulting video file.

On models with stereo recording, iPhone uses multiple microphones to achieve stereo sound. To turn off stereo recording, go to Settings > Camera, then turn off Record Stereo Sound.

On models with HDR video recording, iPhone records video in HDR and shares HDR videos with devices running iOS 13.4, iPadOS 13.4, macOS 10.15.4, or later; other devices receive an SDR version of the same video. To turn off HDR recording, go to Settings > Camera > Record Video, then turn off HDR Video.

Use quick toggles to change video resolution and frame rate

In Video mode, use quick toggles at the top of the screen to change the video resolution and frame rates available on your iPhone.

On iPhone 12 mini, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone SE (2nd generation), iPhone 11, iPhone 11 Pro, iPhone 11 Pro Max, iPhone XR, iPhone XS, and iPhone XS Max, tap the quick toggles in the top-right corner to switch between HD or 4K recording and 24, 30, or 60 frames per second (fps) in Video mode.

To display quick toggles on other iPhone models, go to Settings ⚙ > Camera > Record Video, then turn on Video Format Control.

Record a QuickTake video

On supported models, you can record a QuickTake video. A QuickTake video is a video you record in Photo mode. While you record a QuickTake video, you can move the Record button into the lock position and keep taking still photos.

1. In Photo mode, touch and hold the Shutter button to start recording a QuickTake video.

2. Slide the Shutter button to the right and let go over the lock for hands-free recording.

   Both the Record and Shutter buttons appear below the frame—tap the Shutter button to take a still photo while recording.

3. Tap the Record button to stop recording.

💡 **Tip:** Press and hold the volume up or volume down button to start recording a QuickTake video in Photo mode.

Tap the thumbnail to view the QuickTake video in the Photos app.

Record a slow-motion video

When you record a video in Slo-mo mode, your video records as normal and you see the slow-motion effect when you play it back. You can also edit your video so that the slow-motion action starts and stops at a time you choose.

1. Choose Slo-mo mode.

   On iPhone 12 mini, iPhone 12, iPhone 12 Pro, and iPhone 12 Pro Max, iPhone 11, iPhone 11 Pro, and iPhone 11 Pro Max, you can tap 🔄 to record in Slo-mo mode with the front camera.

2. Tap the Record button or press either volume button to start recording.

   You can tap the Shutter button to take a still photo while recording.

3. Tap the Record button or press either volume button to stop recording.

To set a portion of the video to play in slow motion and the rest at regular speed, tap the video thumbnail, then tap Edit. Slide the vertical bars below the frame viewer to define the section you want to play back in slow motion.

Depending on your model, you can change the slow-motion frame rate and resolution. To change slow-motion recording settings, go to Settings ⚙ > Camera > Record Slo-mo.

💡 **Tip:** Use Quick toggles to adjust the video resolution and frame rate while you record. See Use quick toggles to change video resolution and frame rate.

Capture a time-lapse video

Capture footage at selected intervals to create a time-lapse video of an experience over a period of time—such as a setting sun or traffic flowing.

1. Choose Time-lapse mode.

2. Set up your iPhone where you want to capture a scene in motion.

3. Tap the Record button to start recording; tap it again to stop recording.

💡 **Tip:** On iPhone 12 mini, iPhone 12, iPhone 12 Pro, and iPhone 12 Pro Max, use a tripod to capture time-lapse videos with more detail and brightness when recording in low-light situations.

Adjust Auto FPS settings

On models that support Auto Low Light FPS, when you take a video at 30 fps under low-light conditions, iPhone can automatically reduce the frame rate to 24 fps to improve the video quality. Go to Settings ⚙ > Camera > Record Video, then turn on Auto Low Light FPS.

On iPhone 12 mini, iPhone 12, iPhone 12 Pro, and iPhone 12 Pro Max, Auto FPS is available at 30 fps and 60fps. To make changes, go Settings ⚙ > Camera > Record Video > Auto FPS.

Take Portrait mode photos with your iPhone camera

With Camera 📷 on models that support Portrait mode, you can apply a depth-of-field effect that keeps your subject—people, pets, objects, and more—sharp while creating a beautifully blurred background. You can apply and adjust different lighting effects to your Portrait mode photos and on supported models, you can even take a selfie in Portrait mode.

Take a photo in Portrait mode

On models that support Portrait Lighting, you can apply studio-quality lighting effects to your Portrait mode photos.

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1. Choose Portrait mode.

2. Follow the tips onscreen to frame your subject in the yellow portrait box.

3. Drag ⬡ to choose a lighting effect:

   - *Natural Light:* The face is in sharp focus against a blurred background.

   - *Studio Light:* The face is brightly lit, and the photo has an overall clean look.

   - *Contour Light:* The face has dramatic shadows with highlights and lowlights.

   - *Stage Light:* The face is spotlit against a deep black background.

   - *Stage Light Mono:* The effect is similar to Stage Light, but the photo is in classic black and white.

   - *High-Key Light Mono:* Creates a grayscale subject on a white background (on supported models).

4. Tap the Shutter button to take the shot.

After you take a photo in Portrait mode, you can remove the Portrait mode effect in Photos. Open the photo, tap Edit, then tap Portrait to turn the effect on or off.

Note: On iPhone 12 Pro and iPhone 12 Pro Max, Night mode turns on when you take a Portrait mode photo in low-light situations with the Wide (1x) lens. To learn more about Night mode, see Take low-light photos with Night mode.

Note: On iPhone XR, Stage Light, Stage Light Mono, and High-Key Light Mono are only available when you use the front camera.

Adjust Depth Control in Portrait mode

On models that support Depth Control, use the Depth Control slider to adjust the level of background blur in your Portrait mode photos.

1. Choose Portrait mode, then frame your subject.

2. Tap ⓕ in the top-right corner of the screen.

   The Depth Control slider appears below the frame.

3. Drag the slider to the right or left to adjust the effect.

4. Tap the Shutter button to take the shot.

After you take a photo in Portrait mode, you can use the Depth Control slider in Photos to further adjust the background blur effect. See Edit Portrait mode photos.

Adjust Portrait Lighting effects in Portrait mode

On supported models, you can virtually adjust the position and intensity of each Portrait Lighting effect to sharpen eyes or brighten and smooth facial features.

1. Choose Portrait mode, then drag ⬡ to choose a lighting effect.

2. Tap ◉ at the top of the screen.

   The Portrait Lighting slider appears below the frame.

3. Drag the slider to the right or left to adjust the effect.

4. Tap the Shutter button to take the shot.

After you take a photo in Portrait mode, you can use the Portrait Lighting slider in Photos to further adjust the lighting effect. See Edit Portrait mode photos.

Use Camera settings on iPhone

Learn how to use Camera 📷 settings on your iPhone.

Align your shots

To display a grid on the camera screen that can help you straighten your shots, go to Settings ◉ > Camera, then turn on Grid.

After you take a photo, you can use the editing tools in the Photos app to align shots and adjust horizontal and vertical perspective. See Straighten and adjust perspective.

Preserve camera settings

You can preserve the last camera mode, filter, lighting, depth, and Live Photo settings you used so they're not reset when you next open Camera.

1. Go to Settings ◉ > Camera > Preserve Settings.

2. Turn on any of the following:

   - *Camera Mode:* Preserve the last camera mode you used, such as Video or Pano.

   - *Creative Controls:* Preserve the last filter, lighting option (on supported models), or depth setting (on supported models) you used.

   - *Exposure Adjustment:* Preserve the exposure control setting (on supported models).

   - *Live Photo:* Preserve the Live Photo setting.

Press volume up for Burst

On supported models, you can press and hold the volume up button to take Burst shots. Go to Settings > Camera, then turn on Use Volume Up for Burst.

Mirror the front camera

To take a mirrored selfie that captures the shot as you see it in the camera frame, go to Settings ◎ > Camera, then turn on Mirror Front Camera (on supported models).

Adjust the shutter sound volume

Adjust the volume of the shutter sound using the volume buttons on the side of your iPhone. Or, when Camera is open, swipe down from the top-right corner of the screen to open Control Center, then drag ◀)).

Mute the sound using the Ring/Silent switch on the side of your iPhone. (In some countries or regions, muting is disabled.)

Note: The camera shutter doesn't make a sound when Live Photo ◎ is turned on.

See Adjust the volume on iPhone.

Turn prioritize faster shooting off and on

On supported models, the prioritize faster shooting setting modifies how images are processed so you can shoot even faster when the Shutter button is rapidly tapped.

Prioritize faster shooting is on by default. To turn off prioritize faster shooting, go to Settings ◎ > Camera, then turn off Prioritize Faster Shooting.

Turn scene detection off and on

On supported models, the scene detection setting can identify objects in various scenes and automatically improve them.

Scene detection is on by default. To turn off scene detection, go to Settings ◎ > Camera, then turn off Scene Detection.

Turn lens correction off and on

On supported models, the lens correction setting adjusts photos taken with the front camera or Ultra Wide camera for more natural looking results.

Lens correction is on by default. To turn off lens correction, go to Settings ⚙ > Camera, then turn off Lens Correction.

Turn view content outside the frame off and on

On iPhone 12 mini, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone 11, iPhone 11 Pro, and iPhone 11 Pro Max, the camera preview displays content outside of the frame to show you what can be captured by using another lens in the camera system with a wider field of view. To turn off this display, go to Settings ⚙ > Camera, then turn off View Outside the Frame.

Adjust HDR camera settings on iPhone

HDR (high dynamic range) in Camera 📷 helps you get great shots in high-contrast situations. iPhone takes several photos in rapid succession at different exposures and blends them together to bring more highlight and shadow detail to your photos.

By default, iPhone uses HDR (for the rear camera and the front camera) when it's most effective when taking photos, and on supported models records video in HDR to capture true-to-life color and contrast.

Turn off automatic HDR

By default, iPhone automatically uses HDR when it's most effective. To manually control HDR instead, do the following:

- *On iPhone 12 mini, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone SE (2nd generation), iPhone 11, iPhone 11 Pro, iPhone 11 Pro Max, iPhone XR, iPhone XS, and iPhone XS Max:* Go to Settings ⚙ > Camera, turn off Smart HDR. Then from the camera screen, tap HDR to turn it off or on.

- *On iPhone X, iPhone 8, and iPhone 8 Plus:* Go to Settings > Camera, then turn off Auto HDR.

  To turn HDR back on from the camera screen, tap HDR, then tap On.

- *All other models:* Tap HDR at the top of the camera screen, then tap Off.

Keep the non-HDR version of a photo

By default, the HDR version of a photo is saved in Photos. You can also save the non-HDR version on all models except iPhone SE (2nd generation), iPhone 11, iPhone 11 Pro, iPhone 11 Pro Max, iPhone 12 mini, iPhone 12, iPhone 12 Pro, and iPhone 12 Pro Max.

Go to Settings ⚙ > Camera, then turn on Keep Normal Photo.

Turn HDR video off and on

On models with HDR video recording, iPhone records video in Dolby Vision HDR for true-to-life color and contrast. To turn off HDR video recording, go to Settings ⚙ > Camera > Record Video, then turn off HDR Video.

View, share, and print photos on iPhone

All photos and videos you take with Camera 📷 are saved in Photos. With iCloud Photos turned on, all new photos and videos are automatically uploaded and available in Photos on all your devices that are set up with iCloud Photos (with iOS 8.1, iPadOS 13, or later).

Note: If Location Services is turned on in Settings ⚙ > Privacy, photos and videos are tagged with location data that can be used by apps and photo-sharing websites. See Control the location information you share on iPhone.

View your photos

1. In Camera, tap the thumbnail image in the lower-left corner.

2. Swipe left or right to see the photos you've taken recently.

3. Tap the screen to show or hide the controls.

4. Tap All Photos to see all your photos and videos saved in Photos.

Share and print your photos

1. While viewing a photo, tap ⬆.

2. Select an option such as AirDrop, Mail, or Messages to share your photo.

3. Swipe up to select Print from the list of actions.

See Use AirDrop on iPhone to send items to nearby devices.

Upload and sync photos across devices

Use iCloud Photos to upload photos and videos from your iPhone to iCloud and then access them on your iPhone, iPad, and iPod touch where you're signed in using the same Apple ID. iCloud Photos is useful if you want to keep your photos up to date across multiple devices or save space on your iPhone. To turn on iCloud Photos, go to Settings ⚙ > Photos. When iCloud Photos is turned off, you can still collect up to 1000 of your most recent photos in the My Photo Stream album on devices set up with iCloud. See Use My Photo Stream on iPhone.

Scan a QR code with the iPhone camera

You can use the Camera 📷 to scan Quick Response (QR) codes for links to websites, apps, coupons, tickets, and more. The camera automatically detects and highlights a QR code.

Use the camera to read a QR code

1. Open Camera, then position iPhone so that the code appears on the screen.

2. Tap the notification that appears on the screen to go to the relevant website or app.

Open the QR code reader from Control Center

1. Go to Settings ⚙ > Control Center, then tap ➕ next to QR Code Reader.

2. Open Control Center, tap the QR code reader, then position iPhone so that the code appears on the screen.

3. To add more light, tap the flashlight to turn it on.

Clock

See the time in cities worldwide on iPhone

Use the Clock app 🕙 to see the local time in different time zones around the world.

🎤 **Ask Siri.** Say something like: "What time is it?" or "What time is it in London?" Learn how to ask Siri.

1. Tap World Clock.

2. To manage your list of cities, tap Edit, then do any of the following:

   - *Add a city:* Tap ➕, then choose a city.

   - *Delete a city:* Tap ➖.

   - *Reorder the cities:* Drag ≡ up or down.

Set an alarm on iPhone

In the Clock app 🕙, you can set alarms for specific times. You can also make changes to the sleep schedule you set up in the Health app. See Set up sleep schedules in Health on iPhone.

🎤 **Ask Siri.** Say something like: "Wake me up tomorrow at 7 a.m." or "Set an alarm for 9 a.m. every Friday." Learn how to ask Siri.

Set an alarm

1. Tap Alarm, then tap ➕.
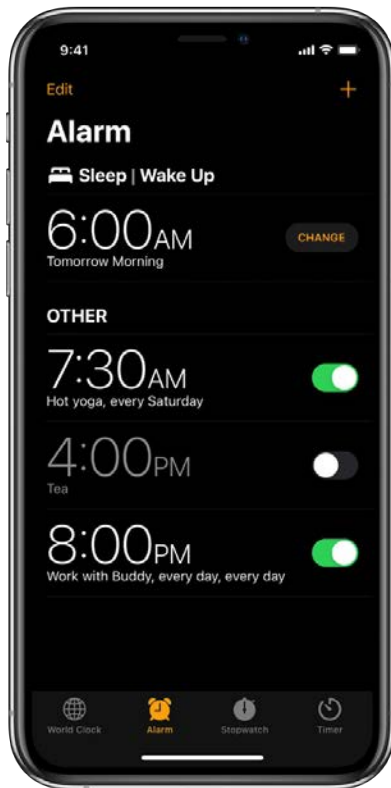
2. Set the time, then choose any of the following options:

   - *Repeat:* Choose the days of the week.

   - *Label:* Give the alarm a name, like "Water the plants."

   - *Sound:* Choose a tone or vibration.

   - *Snooze:* Give yourself a few more minutes of sleep.

3. Tap Save.

To change or delete the alarm, tap Edit.

Make changes to your next Wake Up alarm

In the Health app, you can set up a sleep schedule that includes Bedtime and Wake Up times, alarm settings, Wind Down options, and more for each day of the week. See Set up sleep schedules in Health on iPhone.

When you have a sleep schedule set up, you can make changes to your next Wake Up alarm in the Clock app.

1. Tap Alarm, then tap Change.

2. Adjust your sleep and wake times.

    Drag 🛏 and 🔔.

3. Choose alarm options, such as snooze and an alarm sound.

To make more changes to your sleep schedule, tap Edit Sleep Schedule at the bottom of the screen.

Use the timer or stopwatch on iPhone

In the Clock app 🕘, you can use the timer to count down from a specified time. You can also use the stopwatch to measure the duration of an event.

🎙 **Ask Siri.** Say something like: "Set the timer for 3 minutes" or "Stop the timer." Learn how to ask Siri.

Set the timer

1. Tap Timer.

2. Set the duration of time and a sound to play when the timer ends.

🔆 **Tip:** If you want to fall asleep while playing audio or video, you can set the timer to stop the playback. Tap When Timer Ends, then tap Stop Playing at the bottom.

3. Tap Start.

The timer continues even if you open another app or if iPhone goes to sleep.

Track time with the stopwatch

1. Tap Stopwatch. To switch between the digital and analog faces, swipe the stopwatch.

2. Tap Start.

The timing continues even if you open another app or if iPhone goes to sleep.

3. To record a lap or split, tap Lap.

4. Tap Stop to record the final time.

5. Tap Reset to clear the stopwatch.

Use the compass on iPhone

The Compass app ▦ shows you the direction iPhone is pointing, your current location, and elevation.

See your bearings, coordinates, and elevation

Your bearings, coordinates, and elevation are shown at the bottom of the screen.

1. For accurate bearings, hold iPhone flat to align the crosshairs at the center of the compass.

2. To lock your current direction, tap the compass dial.

   A red band appears when you're off course.

To open your location in Maps, tap the coordinates at the bottom of the screen.

Allow Compass to access your location

If Compass doesn't see your location, make sure you've turned on Location Services.

1. Go to Settings 🔘 > Privacy > Location Services, then turn on Location Services.

2. Tap Compass, then tap While Using the App.

For more information, see Control the location information you share on iPhone.

Important: The accuracy of the compass can be affected by magnetic or environmental interference; even the magnets in the iPhone EarPods 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.

Contacts

Add and use contact information on iPhone

In the Contacts app 👤, you can view and edit your contacts lists from personal, business, and other accounts. You can also create contacts and set up a contact card with your own information.

🎤 **Ask Siri.** Say something like:

- "What's my brother's work address?"

- "Sarah Milos is my sister"

- "Send a message to my sister"

Learn how to ask Siri

Create a contact

Tap ➕.

Siri also suggests new contacts based on your use of other apps, such as email you receive in Mail and invitations you receive in Calendar. (To turn this feature off, go to Settings ⚙ > Contacts > Siri & Search, then turn off Show Siri Suggestions for Contacts.)

Based on how you use Contacts, Siri also provides contact information suggestions in other apps. (To turn this feature off, go to Settings ⚙ > Contacts > Siri & Search, then turn off Learn from this App.) See About Siri Suggestions on iPhone.

Find a contact

Tap the search field at the top of the contacts list, then enter a name, address, phone number, or other contact information.

You can also search your contacts using Search (see Use iPhone to search).

Share a contact

Tap a contact, tap Share Contact, then choose a method for sending the contact information.

Sharing the contact sends all of the info from the contact's card.

Quickly reach a contact

To start a message, make a phone call or a FaceTime call, compose an email, or send money with Apple Pay, tap a button below the contact's name.

To change the default phone number or email address for a contact method, touch and hold the button for that method below the contact's name, then tap a selection in the list.

Delete a contact

1. Go to the contact's card, then tap Edit.

2. Scroll down, then tap Delete Contact.

Edit contacts on iPhone

In the Contacts app 🟤, assign a photo to a contact, change a label, add a birthday, and more.

1. Tap a contact, then tap Edit.

2. Do any of the following:

   - *Assign a photo to a contact:* Tap "add photo." You can take a photo or add one from the Photos app.

   - *Change a label:* Tap the label, then select one in the list, or tap Add Custom Label to create one of your own.

   - *Add a birthday, social profile, related name, and more:* Tap 🟢 next to the item.

   - *Allow calls or texts from a contact to override Do Not Disturb:* Tap Ringtone or Text Tone, then turn on Emergency Bypass.

   - *Add notes:* Tap the Notes field.

   - *Add a prefix, phonetic name, pronunciation, and more:* Tap "add field," then select an item in the list.

   - *Delete contact information:* Tap 🔴 next to a field.

3. When you're finished, tap Done.

On models with Dual SIM, when you call or text a contact, iPhone uses the same line you used for your previous communication with this contact by default. To choose a preferred line for phone calls and SMS/MMS message conversations, select the contact, tap default (below the contact's name), then choose a line.

To change how your contacts are sorted and displayed, go to Settings ⚙️ > Contacts.

Add your contact info on iPhone

In the Contacts app 👤, add your information to your contact card. iPhone uses your Apple ID to create your contact card, called *My Card,* but you may need to provide your contact information (such as name and address) to complete it.

Complete My Card

Tap My Card at the top of your contacts list, then tap Edit. Contacts suggests addresses and phone numbers to help you set up My Card.

If there is no My Card, tap ➕, then enter your information. Next, go to Settings ⚙️ > Contacts > My Info, then tap your name in the Contacts list.

Edit My Card

Tap My Card at the top of your contacts list, then tap Edit.

Create or edit your Medical ID

Tap My Card at the top of your contacts list, tap Edit, scroll down, then tap Create Medical ID or Edit Medical ID.

Use other contact accounts on iPhone

You can include contacts from other accounts in the Contacts app 🔲.

Use your iCloud contacts

Go to Settings ⚙️ > [*your name*] > iCloud, then turn on Contacts.

Use your Google contacts

1. Go to Settings ⚙️ > Contacts > Accounts, then tap Google.

2. Sign in to your account, then turn on Contacts.

Add contacts from another account

1. Go to Settings ⚙️ > Contacts > Accounts, then tap Add Account

2. Choose an account, sign in to it, then turn on Contacts.

Access a Microsoft Exchange Global Address List

1. Go to Settings ⚙️ > Contacts > Accounts, then tap Exchange.

2. Sign in to your Exchange account, then turn on Contacts.

Set up an LDAP or CardDAV account to access business or school directories

1. Go to Settings ⚙️ > Contacts > Accounts > Add Account, then tap Other.

2. Tap Add LDAP Account or Add CardDAV Account, then enter the account information.

Keep contacts up to date across devices

To keep your contact information up to date across all your devices where you're signed in with the same Apple ID, you can use iCloud.

Go to Settings > [*your name*] > iCloud, then turn on Contacts.

Alternatively, you can sync the information between iPhone and your Mac or Windows PC to keep the information up to date across iPhone and your computer. See Sync iPhone with your computer.

If you use iCloud for Contacts, your contacts are kept up to date automatically, and no options appear for syncing them with your computer.

Import contacts from a SIM card (GSM)

Go to Settings > Contacts > Import SIM Contacts.

Import contacts from a vCard

Tap a .vcf attachment in an email or message.

Add a contact from a directory

1. Tap Groups, then tap the GAL, CardDAV, or LDAP directory you want to search.

2. Tap Done, then enter your search.

3. Tap the person's name to save their info to your contacts.

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.

Use Contacts from the Phone app on iPhone

In the Phone app on iPhone, you can call contacts and add recent callers to the Contacts app .

Add a Favorite

Put VIP contacts in your Favorites list for quick dialing.

Select a contact, then scroll down and tap Add to Favorites.

Calls from these contacts bypass Do Not Disturb (see Set Do Not Disturb on iPhone).

Save the number you just dialed

1. In the Phone app 📞, tap Keypad, enter a number, then tap Add Number.

2. Tap Create New Contact, or Add to Existing Contact, then select a contact.

Add a recent caller to Contacts

1. In the Phone app 📞, tap Recents, then tap ⓘ next to the number.

2. Tap Create New Contact, or Add to Existing Contact, then select 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 ＋ ＊ ＃, then do any of the following:

- Tap Pause to enter a two-second pause (a two-second pause is represented as a comma in the phone number).

- Tap Wait to stop dialing until you tap Dial again (wait-to-dial is represented as a semicolon in the phone number).

Hide duplicate contacts on iPhone

In the Contacts app ![contacts icon], link contact cards for the same person in different accounts so they appear only once in your All Contacts list. When you have contacts from multiple sources, you might have multiple entries for the same person in Contacts. To keep redundant contacts from appearing in your All Contacts list, contacts from different sources with the same name are linked and displayed as a single *unified contact*.

Link contacts

If two entries for the same person aren't linked automatically, you can unify them manually.

1. Tap one of the contacts, tap Edit, then tap Link Contacts.

2. Choose the other contact entry to link to, then tap Link.

When you link contacts with different first or last names, the names on the individual cards don't change, but only one name appears on the unified card. To choose which name appears on the unified card, tap one of the linked cards, tap the contact's name on that card, then tap Use This Name For Unified Card.

Note: When you link contacts, those 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.

FaceTime

Set up FaceTime on iPhone

In the FaceTime app ![FaceTime icon], you can make video or audio calls to friends and family, whether they're using an iPhone, iPad, iPod touch, or a Mac. With the front camera, you can talk face-to-face; switch to the rear camera to share what you see around you. To capture a moment of your conversation, take a FaceTime Live Photo.

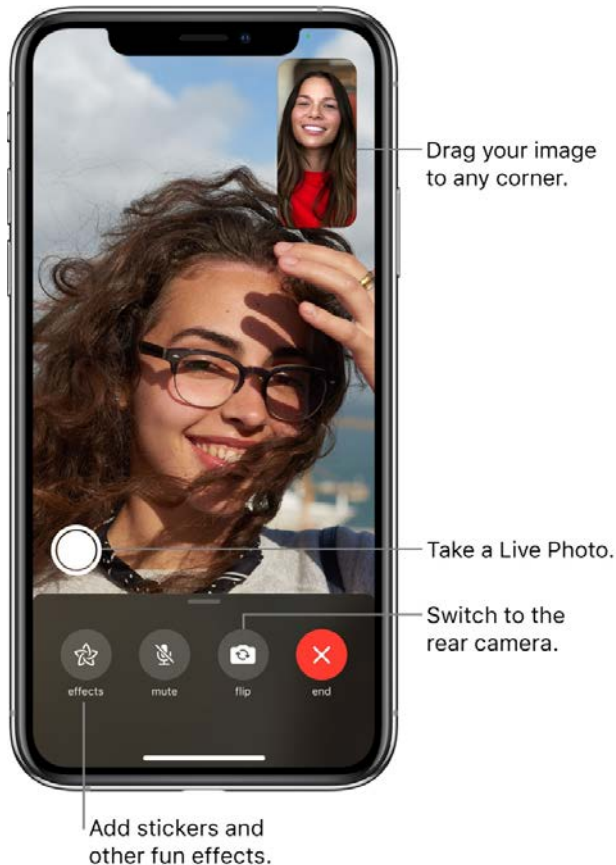*Note:* FaceTime, or some FaceTime features, may not be available in all countries or regions.

1. Go to Settings ![settings icon] > FaceTime, then turn on FaceTime.

2. If you want to be able to take Live Photos during FaceTime calls, turn on FaceTime Live Photos.

3. Enter your phone number, Apple ID, or email address to use with FaceTime.

Make and receive FaceTime calls on iPhone

With an internet connection and an Apple ID, you can make and receive calls in the FaceTime app ▣ (first sign in with your Apple ID, or create an Apple ID, if you don't have one). See Manage Apple ID and iCloud settings on iPhone.

You can also make FaceTime calls over a cellular data connection, which may incur additional charges. To turn this feature off, go to Settings > Cellular, then turn off FaceTime. See View or change cellular settings on iPhone.

Drag your image to any corner.

Take a Live Photo.

Switch to the rear camera.

Add stickers and other fun effects.

Make a FaceTime call

🎤 **Ask Siri.** Say something like: "Make a FaceTime call." Learn how to ask Siri.

1. In FaceTime, tap ﹢ at the top right.

2. Type the name or number you want to call in the entry field at the top, then tap Video ▭◁ to make a video call or tap Audio ☎ to make a FaceTime audio call (not available in all countries or regions).

   You can also tap ⊕ to open Contacts and start your call from there, or tap a contact in your list of FaceTime calls to quickly make a call.

💡 **Tip:** To see more during a FaceTime video call, rotate iPhone to use landscape orientation. See Change or lock the screen orientation on iPhone.

To call multiple people, see Make a Group FaceTime call on iPhone.

Leave a message

If no one answers your FaceTime call, do one of the following:

- Tap Leave a Message.

- Tap Cancel to cancel the call.

- Tap Call Back to try calling back.

Start a FaceTime call from a Messages conversation

In a Messages conversation, you can start a FaceTime call with the person you're chatting with.

1. In the Messages conversation, tap the profile picture, 👤, or the name at the top of the conversation.

2. Tap FaceTime.

Call again

In your call history, tap the name or number, or tap ⓘ to choose a name or number in Contacts and start your call from there.

Receive a FaceTime call

When a FaceTime call comes in, tap any of the following:

- *Accept:* Take the call.

- *Decline:* Decline the call.

- *Remind Me:* Set a reminder to call back.

- *Message:* Send a text message to the caller.

Set up a reminder to return the call later.

Send the caller a text message.

If you're on another call when a FaceTime call comes in, you can tap End & Accept or Hold & Accept.

Delete a call from your call history

In FaceTime, swipe left over the call in your call history, then tap Delete.

Make a Group FaceTime call on iPhone

In the FaceTime app 📷, you can invite up to 32 participants to a Group FaceTime call (not available in all countries or regions).

Start a Group FaceTime call

1. In FaceTime, tap ✚ at the top right.

2. Type the names or numbers of the people you want to call in the entry field at the top.

   You can also tap ⊕ to open Contacts and add people from there.

3. Tap Video 🎥 to make a video call or tap Audio 📞 to make a FaceTime audio call.

Each participant appears in a tile on the screen. When a participant speaks (verbally or by using sign language) or you tap the tile, that tile moves to the front and becomes more prominent. Tiles that can't fit on the screen appear in a row at the bottom. To find a participant you don't see, swipe through the row. (The participant's initials may appear in the tile if an image isn't available.)

To prevent the tile of the person speaking or signing from becoming larger during a Group FaceTime call, go to Settings > FaceTime, then turn off Speaking below Automatic Prominence (iOS 13.5 or later required).

Note: Sign language detection requires a supported model for the presenter. In addition, both the presenter and participants need iOS 14, iPadOS 14, macOS Big Sur 11.0, or later.

Start a Group FaceTime call from a group Messages conversation

In a group Messages conversation, you can initiate a Group FaceTime call with all the same people you're chatting with in the Messages conversation.

1. In the Messages conversation, tap the profile pictures, or 👤, at the top of the conversation.

2. Tap FaceTime.

Add another person to a call

Any participant can add another person at any time during a Group FaceTime call.

1. During a FaceTime call, tap the screen to open the controls, swipe up from the top of the controls, then tap Add Person.

2. Type the name, Apple ID, or phone number of the person you want to add in the entry field at the top.

   Or tap ＋ to add someone from Contacts.

3. Tap Add Person to FaceTime.

Join a Group FaceTime call

When someone invites you to join a Group FaceTime call, you see the incoming call. If you decline the call, you receive a notification that you can tap to join the call at any time while it's active.

Leave a Group FaceTime call

To leave a group call at any time, tap ⊗.

The call remains active if two or more participants remain.

Take a Live Photo in FaceTime on iPhone

When you're on a video call in the FaceTime app 📷, you can take a FaceTime Live Photo to capture a moment of your conversation (not available in all countries or regions). The camera captures what happens just before and after you take the photo, including the audio, so you can see and hear it later just the way it happened.

To take a FaceTime Live Photo, first make sure FaceTime Live Photos is turned on in Settings ⚙ > FaceTime, then do one of the following:

- *On a call with one other person:* Tap ◯.

- *On a Group FaceTime call:* Tap the tile of the person you want to photograph, tap ⤢, then tap ◯.

You both receive a notification that the photo was taken, and the Live Photo is saved in your Photos app.

Use other apps during a FaceTime call on iPhone

While you're on a call using the FaceTime app 📷, you can use other apps.

Go to the Home Screen, then tap an app icon to open the app.

To return to the FaceTime screen, tap the green bar (or the FaceTime icon) at the top of the screen.

Add camera effects in FaceTime calls on iPhone

On video calls using the FaceTime app 🟢, you can become your favorite Memoji or Memoji character (on an iPhone with Face ID). On supported models, you can use a built-in filter to change your appearance and add stickers, labels, and shapes. You can take screenshots in FaceTime that include the special camera effects you add to a call.

Become a Memoji

In Messages on an iPhone with Face ID, you can create a Memoji character to use in your FaceTime calls. iPhone captures your movements, facial expressions, and voice, and conveys them through your character. (Your character imitates you even when you stick out your tongue!)

See Use Memoji in Messages on iPhone.

1. During a FaceTime call, tap ✷. (If you don't see ✷, tap the screen.)

2. Tap 😎, then choose a Memoji (swipe through the characters at the bottom, then tap one).

   The other caller hears what you say, but sees your Memoji doing the talking.

Use a filter to change your appearance

1. On supported models, during a FaceTime video call, tap the screen, then tap ✷. (If you don't see ✷, tap the screen.)

2. Tap 🎨 to open the filters.

3. Choose your appearance by tapping a filter at the bottom (swipe left or right to preview them).

Add a text label

1. During a call, tap the screen, then tap ✷.

2. Tap Aa, then tap a text label.

   To see more label options, swipe up from the top of the text window.

3. While the label is selected, type the text you want to appear in the label, then tap away from it.

4. Drag the label where you want to place it.

   To delete the label, tap it, then tap ⊗.

Add stickers

1. During a call, tap the screen, tap ⊛, then do any of the following:

    - Tap 🙂 to add a Memoji sticker or 😈 to add an Emoji sticker.

    - Tap Aa, swipe up, then tap ☺.

2. Tap a sticker to add it to the call.

    To see more options, swipe left or swipe up.

3. Drag the sticker to place it where you want.

    To delete the sticker, tap it, then tap ⊗.

Add shapes

1. During a call, tap the screen, then tap ✪.

2. Tap 〰, then tap a shape to add it to the call.

    To see more options, swipe up from the top of the shapes window.

3. Drag the shape where you want to place it.

    To delete the shape, tap it, then tap ⊗.

Change FaceTime audio and video settings on iPhone

You can change the audio and video settings in the FaceTime app 📷 at any time during a call.

Change the settings

Tap the screen to open the controls, then do any of the following:

- *Switch to the rear camera:* Tap 🔄 (tap it again to switch back to the front camera).

- *Turn off the sound:* Tap 🎤 (tap it again to turn the sound back on).

- *Turn off your camera:* Swipe up from the top of the controls, then tap Camera Off (tap again to turn it back on).

Leave a FaceTime call or switch to Messages on iPhone

You can leave a call in the FaceTime app 📷 at any time, or switch your conversation to Messages.

Leave a FaceTime call

Tap the screen, then tap ⊗.

Switch to a Messages conversation

To switch your conversation to Messages, tap the screen, swipe up from the top of the controls, then tap ◯.

Block unwanted callers in FaceTime on iPhone

In the FaceTime app 📷, you can block voice calls, FaceTime calls, and text messages from unwanted callers.

1. Go to Settings ⚙ > FaceTime > Blocked Contacts.

2. Scroll down, then tap Add New at the bottom of the list.

3. Select a contact you want to block.

To unblock a contact or phone number, swipe it to the left, then tap Unblock.

See the Apple Support article Block phone numbers and contacts on your iPhone, iPad, or iPod touch.

Files

Connect external devices or servers with Files on iPhone

You can use the Files app 📁 to access files stored on external devices or servers, such as USB drives and SD cards, file servers, and other cloud storage providers like Box and Dropbox, after you connect them to your iPhone.

Connect a USB drive or an SD card

1. Insert a Lightning to USB Camera Adapter, Lightning to USB 3 Camera Adapter, or Lightning to SD Card Camera Reader (all sold separately) into the charging port on iPhone.

   Note: The Lightning to USB 3 Camera Adapter can be powered with a USB power adapter. This allows you to connect USB devices with higher power requirements, such as external hard drives, to iPhone.

2. Do one of the following:

    - *Connect a USB drive:* Use the USB cable that came with the USB drive to connect the drive to the camera adapter.

    - *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.

3. To view the contents of the device, tap Browse at the bottom of the screen, then tap the name of the device below Locations. If you don't see Locations, tap Browse again at the bottom of the screen.

To disconnect the device, simply remove it from the connector on iPhone.

Connect to a computer or file server

1. Tap ⋯ at the top of the Browse screen.

    If you don't see ⋯, tap Browse again.

2. Tap Connect to Server.

3. Enter a local hostname or a network address, then tap Connect.

    💡 **Tip:** After you connect to a computer or file server, it appears in the Recent Servers list on the Connect to Server screen. To connect to a recent server, tap its name.

4. Select how you want to connect:

    - *Guest:* You can connect as a Guest user if the shared computer permits guest access.

    - *Registered User:* If you select Registered User, enter your user name and password.

5. Tap Next, then select the server volume or shared folder in the Browse screen (under Shared).

To disconnect from the file server, tap ⏏ next to the server in the Browse screen.

For information on how to set up your Mac to share files, see Set up file sharing on Mac in the macOS User Guide.

Add a cloud storage service

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

2. Open Files, then tap Browse at the bottom of the screen.

3. Tap More Locations (below Locations), then turn on the service.

4. To view your contents, tap Browse at the bottom of the screen, then tap the name of the storage service below Locations. If you don't see Locations, tap Browse again at the bottom of the screen.

View files and folders in Files on iPhone

In the Files app 📁, view and open your documents, images, and other files.

View recently opened files

Tap Recents at the bottom of the screen.

Browse and open files and folders

1. Tap Browse at the bottom of the screen, then tap an item on the Browse screen.

   If you don't see the Browse screen, tap Browse again.

2. To open a file, location, or folder, tap it.

   Note: If you haven't installed the app that created a file, a preview of the file opens in Quick Look.

For information about marking folders as favorites or adding tags, see Organize files and folders in Files on iPhone.

Find a specific file or folder

Enter a filename, folder name, or document type in the search field.

When you search, you have these options:

- *Focus the scope of your search:* Below the search field, tap Recents or the name of the location or tag.

- *Hide the keyboard and see more results on the screen:* Tap Search.

- *Start a new search:* Tap ⊗ in the search field.

- *Open a result:* Tap it.

Change to list view or icon view

From an open location or folder, drag down from the center of the screen, then tap ☰.

Change between list and icon view.
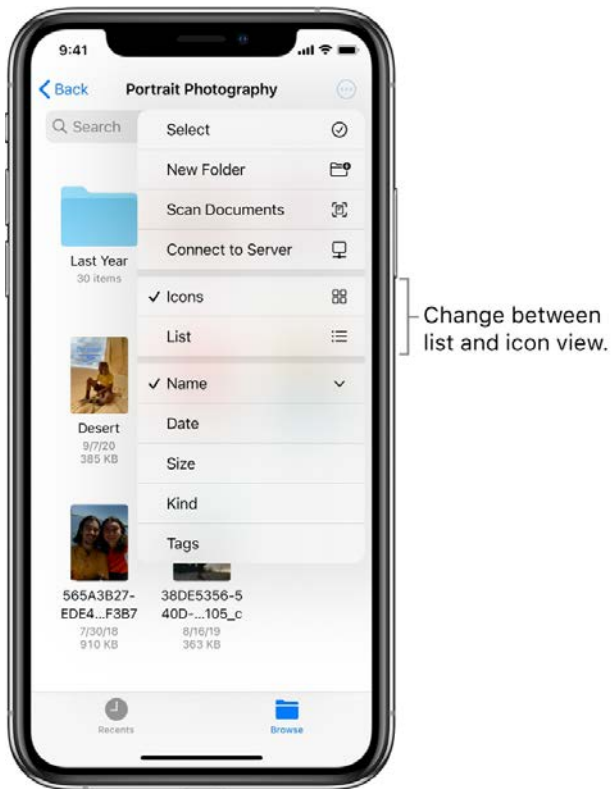
Change how files and folders are sorted

1. From an open location or folder, drag down from the center of the screen.

2. Tap "Sorted by," then choose an option: Name, Date, Size, Kind, or Tags.

Rearrange the Browse screen

Tap ⋯ at the top of the Browse screen, tap Edit, then do any of the following:

- *Hide a location:* Turn the location off.

- *Delete a tag and remove it from all items:* Tap 🔴 next to the tag. (See Tag a file or folder.)

- *Remove an item from the Favorites list:* Tap 🔴 next to the item. (See Mark a folder as a favorite.)

- *Change the order of an item:* Touch and hold ≡, then drag it to a new position.

Organize files and folders in Files on iPhone

In the Files app 📁, organize documents, images, and other files in folders.

Create a folder

1. Open a location or an existing folder.

2. Drag down from the center of the screen, tap ···, then tap New Folder.

   Note: If you don't see New Folder, you can't create a folder in that location.

Rename, compress, and make other changes to a file or a folder

Touch and hold the file or folder, then choose an option: Copy, Duplicate, Move, Delete, Rename, or Compress.

To modify multiple files or folders at the same time, tap Select, tap your selections, then tap an option at the bottom of the screen.

Note: Some options may not be available, depending on the item you select; for example, you can't delete or move an app library (a folder labeled with the app name).

Tag a file or folder

1. Touch and hold the file or folder, tap Tags, then tap one or more tags.

2. Tap Done.

To find tagged items, tap Browse, then tap an item below Tags.

To remove a tag, tap it again.

Mark a folder as a favorite

Touch and hold the folder, then tap Favorite.

To find Favorites, tap Browse.

Send files from Files on iPhone

You can send a copy of any file in the Files app 📁 to others. If you have a document you want to send that isn't digitized, you can scan it with Files first.

Send a file

1. Touch and hold the file, then tap Share.

   💡 **Tip:** To send a smaller version of the file, tap Compress before you tap Share. Then touch and hold the compressed version of the file (identified as a zip file), and tap Share.

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2. Choose an option for sending (for example, AirDrop, Messages, or Mail), then tap Send.

Scan a document

Tap ⦁⦁⦁ at the top of the Browse screen, then tap Scan Documents.

💡 **Tip:** If the files or folders you want to share are stored in iCloud Drive, you can invite others to view or edit their contents—you don't need to send them copies.

Set up iCloud Drive on iPhone

Use the Files app 📁 to store files and folders in iCloud Drive. You can access them from all your devices where you're signed in with the same Apple ID. Any changes you make appear on all your devices set up with iCloud Drive.

iCloud Drive is built into the Files app on devices with iOS 11, iPadOS 13, or later. You can also use iCloud Drive on Mac computers (OS X 10.10 or later) and PCs (iCloud for Windows 7 or later). Storage limits depend on your iCloud storage plan.

Turn on iCloud Drive

Go to Settings ⚙ > [*your name*] > iCloud, then turn on iCloud Drive.

Choose which apps use iCloud Drive

Go to Settings ⚙ > [*your name*] > iCloud, then turn each of the apps listed under iCloud Drive on or off.

Browse iCloud Drive

1. Tap Browse at the bottom of the screen.

2. Under Locations, tap iCloud Drive.

   If you don't see Locations, tap Browse again. If you don't see iCloud Drive under Locations, tap Locations.

3. To open a folder, tap it.

   See View files and folders in Files on iPhone.

Share files and folders in iCloud Drive on iPhone

After you set up iCloud Drive, you can use the Files app 📁 to share folders (iOS 13.4 or later) and individual files with friends and colleagues. When you share a folder or file with iCloud Drive, you send a link to the item, not a copy. When you make changes to a folder or file, others see your changes automatically. If you allow people to make edits, their changes appear automatically as well.

Files and folders shared in iCloud Drive have these important characteristics:

- If you share a folder, all items added to that folder by you or other participants are automatically shared.

- The link to a shared file includes its name. If the name or content is confidential, be sure to ask recipients not to forward the link to anyone else.

- If you move a shared file to another folder or location, the link no longer works, and people lose access to the item.

- Depending on the app, users might need to reopen a file or tap the original link to see the latest changes.

Share a folder or file

If you own a folder (iOS 13.4 or later) or file in iCloud Drive, you can invite others to view or change its contents.

You can share a folder and file so that only people you invite can open it, or anyone with the link can open it.

You can allow the contents of a folder or file to be changed, or you can restrict access so that the contents can only be viewed.

When you share a folder, only the people you invite can access the files in the shared folder. To invite more people to access the files, you must change the settings of the shared folder to add more participants. You can't select an individual file within the shared folder and add participants to it.

1. Touch and hold the folder or file.

2. Tap Share ⬆️, then tap Add People.

3. Do one of the following:

- *Allow only invitees to view and edit the contents:* Tap Share Options, tap "Only people you invite," tap "Can make changes," then choose a method—such as Messages or Mail—for sending people a link to the folder or file.

- *Allow only invitees to view the contents:* Tap Share Options, tap "Only people you invite," tap "View only," then choose a method for sending the link.

- *Allow anyone with the link to view and edit the contents:* Tap Share Options, tap "Anyone with the link," tap "Can make changes," then choose a method for sending the link.

- *Allow anyone with the link to view the contents:* Tap Share Options, tap "Anyone with the link," tap "View only," then choose a method for sending the link.

4. Choose how you want to send your invitation, then tap Send.

Invite more people to share a folder or file

If you already shared a folder (iOS 13.4 or later) or file and its access is set to "Only people you invite," you can share it with more people.

1. Touch and hold the folder or file.

2. Tap Share ⬆️, then tap Show People.

3. Tap Add People and choose a method for sending the link.

4. Enter any other requested information, then send or post the invitation.

Share a folder or file with more people using a link

If you set the access to a shared folder (iOS 13.4 or later) or file to "Anyone with the link," anyone with the link can share it with others.

1. Touch and hold the folder or file.

2. Tap Share ⬆️, tap Show People, then tap Send Link.

3. Choose a method for sending the link, enter any other requested information, then send or post the invitation.

Change access and permission settings for everyone

If you're the owner of a shared folder (iOS 13.4 or later) or file, you can change its access at any time. However, everyone you shared the link with is affected.

1. Touch and hold the folder or file.

2. Tap Share 🠕, tap Show People, then tap Share Options.

3. Change either or both of the options.

   - *Access option:* When you change the access option from "Anyone with the link" to "Only people you invite," the original link no longer works for anyone, and only people who receive a new invitation from you can open the folder or file.

   - *Permission option:* When you change the permission option, everyone who has the file open when you change the permission sees an alert. New settings take effect when the alert is dismissed.

Change access and permission settings for one person

If you're the owner of a shared folder (iOS 13.4 or later) or file and its access is set to "Only people you invite," you can change the permission for one person without affecting the permission of others. You can also remove the person's access.

1. Touch and hold the folder or file.

2. Tap Share 🠕, then tap Show People.

3. Tap the person's name, then select an option.

Stop sharing a folder or file

If you're the owner of a shared folder (iOS 13.4 or later) or file, you can stop sharing it.

1. Touch and hold the folder or file.

2. Tap Share 🠕, then tap Show People.

3. Tap Stop Sharing.

Anyone who has a file open when you stop sharing it sees an alert. The item closes when the alert is dismissed, the file is removed from the person's iCloud Drive, and the link no longer works. If you later share the item again and set the access to "Anyone with the link," the original link works. If the access is set to "Only people you invite," the original link works again only for people you reinvite to share the item.

Find people

Share your location in Find My on iPhone

Before you can use the Find My app 🟢 to share your location with friends, you need to set up location sharing.

Set up location sharing

1. Tap Me, then turn on Share My Location.

   The device sharing your location appears below My Location.

2. If your iPhone isn't currently sharing your location, scroll to the bottom, then tap Use This iPhone as My Location.

Note: You can share your location from an iPhone, iPad, or iPod touch. To share your location from another device, open Find My on the device and change your location to that device. If the device has iOS 12 or earlier, see the Apple Support article Set up and use Find My Friends. If you share your location from an iPhone that's paired with Apple Watch (GPS + Cellular models), your location is shared from your Apple Watch when you're out of range of your iPhone and Apple Watch is on your wrist.

You can also change your location sharing settings in Settings ⚙ > [*your name*] > Find My.

Set a label for your location

You can set a label for your current location to make it more meaningful (like Home or Work). When you tap Me, you see the label in addition to your location.

1. Tap Me, then tap Edit Location Name.

2. Select a label.

   To add a new label, tap Add Custom Label, enter a name, then tap Done.

Share your location with a friend

1. Scroll to the bottom of the People list, then tap Share My Location.

2. In the To field, type the name of a friend you want to share your location with (or tap ⊕ and select a contact).

3. Tap Send and choose how long you want to share your location.

You can also notify a friend or family member when your location changes.

If you're a member of a Family Sharing group, see Share your location with family members.

Stop sharing your location

You can stop sharing your location with a specific friend or hide your location from everyone.

- *Stop sharing with a friend:* Tap People, then tap the name of the person you don't want to share your location with. Tap Stop Sharing My Location, then tap Stop Sharing Location.

- *Hide your location from everyone:* Tap Me, then turn off Share My Location.

Respond to a location sharing request

1. Tap People.

2. Tap Share below the name of the friend who sent the request and choose how long you want to share your location.

   If you don't want to share your location, tap Cancel.

Stop receiving new location sharing requests

Tap Me, then turn off Allow Friend Requests.

Add or remove a friend in Find My on iPhone

In the Find My app 🟢, once you share your location with a friend, you can ask to see their location on a map.

Ask to see a friend's location

1. Tap People, then tap the name of the person whose location you want to see.

   If you don't see a person in the list, make sure you're sharing your location with them.

2. Tap Ask To Follow Location.

After your friends receive and accept your request, you can see their locations.

Remove a friend

When you remove a friend, that person is removed from your People list and you are removed from theirs.

1. Tap People, then tap the name of the person you want to remove.

2. Tap Remove [*name*], then tap Remove.

Locate a friend in Find My on iPhone

Use the Find My app 🟢 to see the locations of your friends.

Note: If you want to see how far away your friends are from you, make sure you turn on Precise Location for the Find My app. See Control the location information you share on iPhone.

Tap a friend to see contact information, get directions, and more.

See the location of a friend

Tap People, then tap the name of the person you want to locate.

- *If your friend can be located:* They appear on a map so you can see where they are.

- *If your friend can't be located:* You see "No location found" under their name.

- *If you aren't following your friend:* You see "Can see your location" under their name. You can ask to see a friend's location.

You can also ask Siri to locate a friend who has shared their location with you.

🎤 **Ask Siri.** Say something like: "Where's Gordon?" Learn how to ask Siri.

Contact a friend

1. Tap People, then tap the name of the person you want to contact.

2. Tap Contact and choose how you want to contact your friend. See Add and use contact information on iPhone.

Get directions to a friend

You can get directions to a friend's current location in the Maps app 🗺️.

1. Tap People, then tap the name of the person you want to get directions to.

2. Tap Directions to open Maps.

3. Tap the route to get directions from your current location to your friend's location. See Get driving directions from your current location in Maps on iPhone.

Set a label for a friend's location

You can set a label for a friend's current location to make it more meaningful (like Home or Work). The label appears below your friend's name when they're at that location.

1. Tap People, then tap the name of the person you want to set a location label for.

2. Tap Edit Location Name, then select a label.

   To add a new label, tap Add Custom Label, enter a name, then tap Done.

Mark favorite friends

Favorite friends appear at the top of the People list and are marked by a star.

1. Tap People, then find the person you want to mark as a favorite.

2. Do one of the following:

   - Tap the name of the person, then tap Add [*name*] to Favorites.

   - Swipe left across the person's name, then tap the star.

To remove a friend from your Favorites, swipe left and tap the star, or tap the friend, then tap Remove [*name*] from Favorites.

Get notified when a friend's location changes in Find My on iPhone

Use the Find My app 🟢 to get a notification when your friend's location changes. You can get notified when a friend arrives at a location, leaves a location, or is not at a location.

Note: You can only create recurring notifications for friends who have two-factor authentication turned on. See the Apple Support article Two-factor authentication for Apple ID.

You can also let friends know when your location changes. See Notify a friend when your location changes in Find My on iPhone.

Get notified when your friend arrives at or leaves a location

1. Tap People, then tap the name of the person you want to be notified about.

2. Under Notifications, tap Add, then tap Notify Me.

3. Choose whether you want to be notified when a friend arrives at or leaves a location.

4. Choose a location, or tap New Location to create a new location and set a location radius.

   With a larger radius, you're notified when your friend is close to the location instead of right at the location.

5. Choose whether you want to be notified only once or every time.

6. Tap Add, then tap OK.

   Your friend gets an alert after you set the notification. If you set a recurring notification, your friend must approve it before it's set.

Get notified when your friend is not at a location

You can receive a notification if your friend or family member is not at a specific location during a set schedule. For example, you can be notified if your child isn't at school during school hours.

1. Tap People, then tap the name of the person you want to be notified about.

2. Under Notifications, tap Add, then tap Notify Me.

3. Under When, tap [*your friend's name*] Is Not At.

4. Choose a location, or tap New Location to create a new location and set a location radius.

   With a larger radius, you're notified when your friend is close to the location instead of right at the location.

5. Select when you want to be notified.

   - *Time:* Select a start and end time.

   - *Days:* Select the days of the week.

6. Tap Add, then tap OK.

   Your friend must approve the notification before it's set.

Change or turn off a notification you set

1. Tap People, then tap the name of the person whose notification you want to change or turn off.

   This could be a notification you receive about a friend, or a notification your friend receives about you.

2. Under Notifications, tap the notification.

3. Do either of the following:

   - *Change a notification:* Change any details, then tap Done.

   - *Turn off a notification:* Tap Delete Notification, then tap Delete Notification again.

Choose who you receive location updates from

Anyone with an Apple ID can send you notifications when they arrive at or leave a location. You can choose whether you want to receive these notifications from everyone or only from people you share your location with.

1. Tap Me, then tap Receive Location Updates.

2. Select People You Share With or Everyone.

You can create up to 25 Notify Me notifications.

Notify a friend when your location changes in Find My on iPhone

Use the Find My app 🟢 to let a friend know when your location changes.

You can also get a notification when your friend's location changes. See Get notified when a friend's location changes in Find My on iPhone.

Notify a friend when your location changes

1. Tap People, then tap the name of the person you want to notify.

2. Under Notifications, tap Add, then tap Notify [*your friend's name*].

3. Choose whether you want to notify your friend when you arrive at or leave a location.

4. Choose a location, or tap New Location to create a new location and set a location radius.

   With a larger radius, your friend is notified when you're close to the location instead of right at the location.

5. Choose whether you want your friend to be notified only once or every time.

6. Tap Add.

You can stop notifying friends when your location changes at any time. See Change or turn off a notification you set.

See all notifications about you

1. Tap Me.

   Under Notifications About You, you see a list of people who are notified when your location changes.

2. Select a name to see more details.

Turn off notifications about you

You can turn off any location notification about you. This includes notifications you set and notifications your friends create.

1. Tap Me.

   Under Notifications About You, you see a list of people who are notified when your location changes.

   If you don't see the Notifications About You section, you aren't notifying any friends when your location changes.

2. Select a name, then tap a notification.

3. Tap Delete Notification, then tap Delete Notification again.

Find devices

Add a device to Find My on iPhone

Before you can use the Find My app 🟢 to locate a lost iPhone, iPad, iPod touch, Apple Watch, or AirPods, you need to connect the device to your Apple ID.

For your iPhone, iPad, iPod touch, Mac (with macOS 10.15 or later), and Apple Watch, Find My also includes a feature called Activation Lock that prevents anyone else from activating and using your device, even if it's completely erased. See the Apple Support articles Activation Lock for iPhone, iPad, and iPod touch, About Activation Lock on your Mac, and About Activation Lock on your Apple Watch.

Add an iPhone, iPad, or iPod touch

For a device with iOS 13, iPadOS 13, or later, follow the instructions below. For a device with iOS 12 or earlier, see the Apple Support article Set up Find My iPhone on all of your devices.

1. On your iPhone, iPad, or iPod touch, go to Settings ⚙️ > [*your name*] > Find My.

   If you're asked to sign in, enter your Apple ID. If you don't have one, tap "Don't have an Apple ID or forgot it?" then follow the instructions.

2. Tap Find My [*device*], then turn on Find My [*device*].

3. Turn on any of the following:

   - *Find My network or Enable Offline Finding:* If your device is offline (not connected to Wi-Fi or cellular), Find My can locate it using the Find My network.

   - *Send Last Location:* If your device's battery charge level becomes critically low, its location is sent to Apple automatically.

Add a Mac

1. On your Mac, choose Apple menu > System Preferences.

2. Do one of the following:

   - *With macOS 10.15 or later:* Click Apple ID, then click iCloud.

   - *With macOS 10.14 or earlier:* Click iCloud.

   If you're asked to sign in, enter your Apple ID. If you don't have one, click "Don't have an Apple ID or forgot it?" then follow the instructions.

3. Select Find My Mac, then click Allow.

   When you select Find My Mac on a Mac with macOS 10.15 or later, Offline Finding is turned on. Offline Finding allows your Mac to be located using Bluetooth when your Mac isn't connected to Wi-Fi. To turn off this option, click Options, then click Turn Off next to Offline Finding.

Add Apple Watch or AirPods

- *Apple Watch:* Pair your watch with an iPhone that you're signed in on with your Apple ID, or set up a watch for a family member. See the Apple Watch User Guide.

- *AirPods:* Pair your AirPods with an iPhone, iPad, or iPod touch on which you're signed in with your Apple ID. See Set up AirPods with iPhone.

Add a family member's device

You can see your family members' devices in Find My if you set up Family Sharing first. Their devices appear below yours in the Devices list. See Locate a family member's missing device on iPhone.

You can't add friends' devices to Find My. Friends who lose a device can go to icloud.com/find and sign in with their Apple ID.

Locate a device in Find My on iPhone

Use the Find My app 🟢 to locate and play a sound on a missing iPhone, iPad, iPod touch, Mac, Apple Watch, or AirPods. In order to locate a device, you must turn on Find My [device] *before* it's lost.

Note: If you want to see how far away your devices are from you, make sure you turn on Precise Location for the Find My app. See Control the location information you share on iPhone.

If you lose your iPhone and don't have access to the Find My app, you can locate or play a sound on your device using Find My iPhone on iCloud.com.

Tap a device to play a sound, get directions, and more.
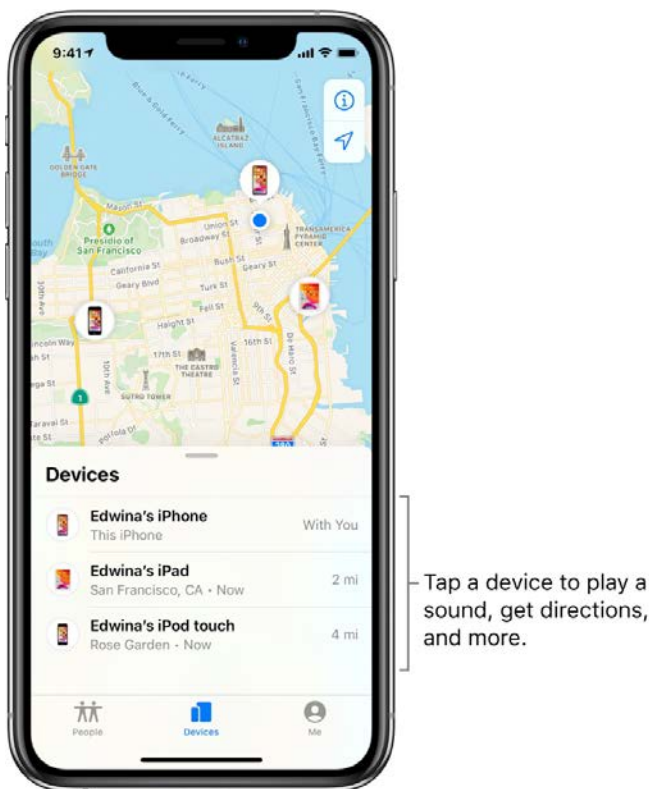
See the location of a device

Tap Devices, then tap the name of the device you want to locate.

- *If the device can be located:* It appears on the map so you can see where it is.

- *If the device can't be located:* You see "No location found" under the device's name. Under Notifications, turn on Notify When Found. You receive a notification once it's located.

For troubleshooting steps, see the Apple Support article If Find My iPhone is offline or not working.

Play a sound on your iPhone, iPad, iPod touch, Mac, or Apple Watch

1. Tap Devices, then tap the name of the device you want to play a sound on.

2. Tap Play Sound.

   - *If the device is online:* A sound starts after a short delay and gradually increases in volume, then plays for about two minutes. The device vibrates (if applicable). A Find My [*device*] alert appears on the device's screen.

     A confirmation email is also sent to your Apple ID email address.

   - *If the device is offline:* You see Sound Pending. The sound plays the next time the device connects to a Wi-Fi or cellular network.

🎤 **Ask Siri.** Say something like: "Help me find my iPad" or "Play a sound on my iPod touch." Learn how to ask Siri.

Play a sound on your AirPods

1. Tap Devices, then tap the name of the AirPods you want to play a sound on.

2. Tap Play Sound. If your AirPods are separated, you can mute one by tapping Left or Right to find them one at a time.

   - *If your AirPods are online:* They play a sound immediately (for two minutes).

     A confirmation email is also sent to your Apple ID email address.

   - *If your AirPods are offline:* You receive a notification the next time your AirPods are in range of your iPhone, iPad, or iPod touch.

Note: If your AirPods are in their case, they won't play a sound.

Stop playing a sound on a device

If you find your device and want to turn off the sound before it stops automatically, do one of the following:

- *iPhone, iPad, or iPod touch:* Press the power button or a volume button, or flip the Ring/Silent switch. If the device is locked, you can also unlock it, or swipe to dismiss the Find My [*device*] alert. If the device is unlocked, you can also tap OK in the Find My [*device*] alert.

- *Apple Watch:* Tap Dismiss in the Find My Watch alert, or press the Digital Crown or side button.

- *Mac:* Click OK in the Find My Mac alert.

- *AirPods:* Put your AirPods in their case and close the lid, or tap Stop in Find My.

Get directions to a device

You can get directions to a device's current location in the Maps app 🗺️.

1. Tap Devices, then tap the name of the device you want to get directions to.

2. Tap Directions to open Maps.

3. Tap the route to get directions from your current location to the device's location. See Get driving directions from your current location in Maps on iPhone.

Locate or play a sound on a friend's device

If your friend loses a device, they can locate it or play a sound on it by going to icloud.com/find and signing in with their Apple ID and password. To learn more, see Locate a device in Find My iPhone on iCloud.com in the iCloud User Guide.

If you set up Family Sharing, you can use Find My to locate a family member's missing device.

Mark a device as lost in Find My on iPhone

Use the Find My app 🟢 to mark a missing iPhone, iPad, iPod touch, Apple Watch, or Mac as lost so that others can't access your personal information. In order to mark a device as lost, you must turn on Find My [device] *before* it's lost.

Add a custom message with your phone number.

What happens when you mark a device as lost?

- A confirmation email is sent to your Apple ID email address.

- You can display a custom message on the device's Lock Screen. For example, you may want to indicate that the device is lost or how to contact you.

- Your device doesn't display alerts or make noise when you receive messages or notifications, or if any alarms go off. Your device can still receive phone calls and FaceTime calls.

- Apple Pay is disabled for your device. Any credit or debit cards set up for Apple Pay, student ID cards, and Express Transit cards are removed from your device. Credit, debit, and student ID cards are removed even if your device is offline. Express Transit cards are removed the next time your device goes online. See the Apple Support article Manage the cards that you use with Apple Pay.

- For an iPhone, iPad, iPod touch, or Apple Watch, you see your device's current location on the map as well as any changes in its location.

Mark a device as lost

If your device is lost or stolen, you can turn on Lost Mode for your iPhone, iPad, iPod touch, or Apple Watch, or lock your Mac.

1. Tap Devices, then tap the name of the lost device.

2. Under Mark As Lost, tap Activate.

3. Follow the onscreen instructions, keeping the following in mind:

   - *Passcode:* If your iPhone, iPad, iPod touch, or Apple Watch doesn't have a passcode, you're asked to create one now. For a Mac, you must create a numerical passcode, even if you already have a password set up on your Mac. This passcode is distinct from your password and is only used when you mark your device as lost.

   - *Contact Information:* If you're asked to enter a phone number, enter a number where you can be reached. If you're asked to enter a message, you may want to indicate that the device is lost or how to contact you. The number and message appear on the device's Lock Screen.

4. Tap Activate (for an iPhone, iPad, iPod touch, or Apple Watch) or Lock (for a Mac).

When the device has been marked as lost, you see Activated under the Mark As Lost section. If the device isn't connected to a Wi-Fi or cellular network when you mark it as lost, you see Pending until the device goes online again.

Change the Lost Mode message or email notifications for a lost device

After you mark your iPhone, iPad, iPod touch, or Apple Watch as lost, you can update your contact information or email notification settings.

1. Tap Devices, then tap the name of the lost device.

2. Under Mark As Lost, tap Pending or Activated.

3. Do any of the following:

   - *Change Lost Mode message:* Make any changes to the phone number or message.

   - *Get email updates:* Turn on Receive Email Updates if it's not already on.

4. Tap Done.

Turn off Lost Mode for an iPhone, iPad, iPod touch, or Apple Watch

When you find your lost device, do either of the following to turn off Lost Mode:

- Enter your passcode on the device.

- In Find My, tap the name of the device, tap Pending or Activated under Mark as Lost, tap Turn Off Mark As Lost, then tap Turn Off.

Unlock a Mac

When you find your lost Mac, enter the numeric passcode on the device to unlock it (the one you set up when you marked your Mac as lost).

If you forget your passcode, you can recover it using Find My iPhone on iCloud.com. For more information, see Use Lost Mode in Find My iPhone on iCloud.com in the iCloud User Guide.

If you lose your iPhone, you can turn on Lost Mode using Find My iPhone on iCloud.com.

Erase a device in Find My on iPhone

Use the Find My app 🟢 to erase an iPhone, iPad, iPod touch, Apple Watch, or Mac. In order to remotely erase a device, you must turn on Find My [device] *before* it's lost.

What happens when you erase a device in Find My?

- A confirmation email is sent to your Apple ID email address.

- When you erase a device remotely using Find My, Activation Lock remains on to protect it. Your Apple ID and password are required to reactivate it.

- After you erase a device, you can't use Find My to locate the device or play a sound on it. However, you may still be able to locate your Mac or Apple Watch if it's near a previously used Wi-Fi network.

- Apple Pay is disabled for your device. Any credit or debit cards set up for Apple Pay, student ID cards, and Express Transit cards are removed from your device. Credit, debit, and student ID cards are removed even if your device is offline. Express Transit cards are removed the next time your device goes online. See the Apple Support article Manage the cards that you use with Apple Pay.

Erase a device

1. Tap Devices, then tap the name of the device you want to erase.

2. Tap Erase This Device, then tap Erase This [*device*].

   If the device is a Mac, enter a passcode to lock it (you need to use the passcode to unlock it).

3. If the device is lost and you're asked to enter a phone number or message, you may want to indicate that the device is lost or how to contact you. The number and message appear on the device's Lock Screen.

4. Tap Erase.

5. Enter your Apple ID password, then tap Erase again.

If your device is offline, the remote erase begins the next time it connects to a Wi-Fi or cellular network.

Cancel an erase

If you erase an offline device and find it before it comes online again, you can cancel the erase request.

1. Tap Devices, then tap the name of the device whose erase you want to cancel.

2. Tap Cancel Erase, then enter your Apple ID password.

If you lose your iPhone, you can erase it using Find My iPhone on iCloud.com.

Remove a device from Find My on iPhone

You can use the Find My app 🟢 to remove a device from your Devices list or turn off Activation Lock on a device you already sold or gave away.

If you still have the device, you can turn off Activation Lock and remove the device from your account by turning off the Find My [*device*] setting on the device.

Remove a device from your devices list

If you're not planning on using a device, you can remove it from your devices list. If the device still has Activation Lock turned on, it appears in your devices list the next time it comes online.

1. Do one of the following:

   - *For an iPhone, iPad, iPod touch, Mac, or Apple Watch:* Turn off the device.

   - *For AirPods:* Put AirPods in their case and close the lid.

2. In Find My, tap Devices, then tap the name of the offline device.

3. Tap Remove This Device, then tap Remove.

Turn off Activation Lock on a device you have

Before you sell, give away, or trade in a device, you should remove Activation Lock so the device is no longer associated with your Apple ID.

See the Apple Support articles:

- What to do before you sell, give away, or trade in your iPhone, iPad, or iPod touch

- What to do before you sell, give away, or trade in your Mac

- What to do before you sell, give away, or trade in your Apple Watch, or buy one from someone else

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Turn off Activation Lock on a device you no longer have

If you sold or gave away your iPhone, iPad, iPod touch, Mac, or Apple Watch and you forgot to turn off Find My [*device*], you can still remove Activation Lock using the Find My app.

1. Tap Devices, then tap the name of the device you want to remove.

2. Erase the device.

   Because the device isn't lost, don't enter a phone number or message.

   If the device is offline, the remote erase begins the next time it connects to a Wi-Fi or cellular network. You receive an email when the device is erased.

3. When the device is erased, tap Remove This Device, then tap Remove.

   All your content is erased, Activation Lock is turned off, and someone else can now activate the device.

You can also remove a device online using iCloud.com. For instructions, see Remove a device from Find My iPhone on iCloud.com in the iCloud User Guide.

Find My

Adjust map settings in Find My on iPhone

In the Find My app 🟢, you can change the map view or distance units.

Note: These settings only affect maps in the Find My app on the device. They don't affect maps in other apps or on other devices.

Change the map view

1. Tap ⓘ in the top-right corner of the map.

2. Under Map View, select Default, Hybrid, or Satellite.

Change distance units

1. Tap ⓘ in the top-right corner of the map.

2. Under Distance, select Miles or Kilometers.

Health

Collect health and fitness data in Health on iPhone

The Health app 🫀 can track your daily footsteps and the flights of stairs you climb. You can manually add other data like body weight and caffeine intake, and track additional data with other apps (such as nutrition and fitness apps) and devices that are compatible with Health (such as Apple Watch, AirPods, weight scales, and blood pressure monitors).
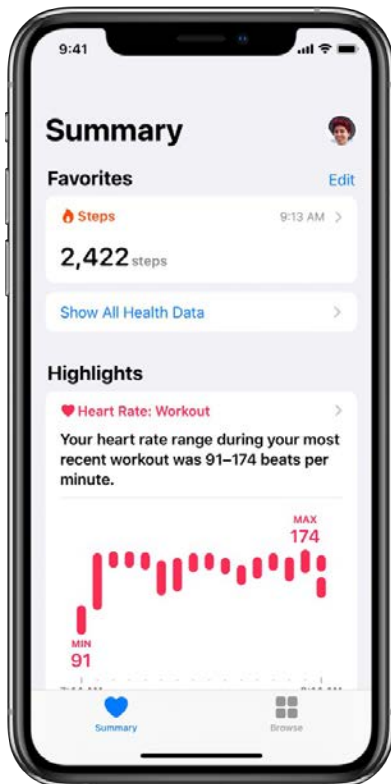
Manually update your health profile

When you first open Health, you're asked to set up a health profile with basic information such as your date of birth and sex. If you don't supply all of the requested information, you can update your profile later.

1. Tap your profile picture or initials at the top right.

If you don't see your profile picture or initials, tap Summary or Browse at the bottom of the screen, then scroll to the top of the screen.

2. Tap Health Details, then tap Edit.

3. Tap a field, make a change, then tap Done.

Manually add data to a health category

1. Tap Browse at the bottom right to display the Health Categories screen, then do one of the following:

   - Tap a category. (To see all categories, scroll down.)

   - Tap the search field, then type the name of a category (such as body measurements) or a specific type of data (such as weight).

   If you don't see the Health Categories screen, tap Browse again at the bottom right.

2. Tap $>$ for the data you want to update.

3. Tap Add Data at the top-right corner of the screen.

4. Add your information, then tap Add or Done in the top-right corner of the screen.

Collect data from other sources

- *From Apple Watch:* After you pair iPhone with Apple Watch, a periodic heart rate measurement is automatically sent from Apple Watch to Health. You can also set up Apple Watch to send activity metrics, noise levels, and more to Health. See the Apple Watch User Guide.

- *From headphones:* After you connect EarPods, AirPods, and other compatible headphones to your iPhone, the headphones' audio levels are automatically sent to Health.

- *From an app that you download from the App Store:* As you set up the app, you can allow it to share data with Health.

- *From another device:* Follow the setup instructions for the device.

  If it's a Bluetooth device, you need to pair it with iPhone. Follow the instructions that came with the device to put it in discovery mode, go to Settings ⚙ > Bluetooth, turn on Bluetooth, then tap the name of the device.

Note: iPhone and Apple Watch aren't medical devices. See Important safety information for iPhone.

View health and fitness information in Health on iPhone

In the Health app ❤️, you can view your health and fitness information in one place. For example, track your symptoms to see whether they're improving over time, and see how well you're meeting goals for activity, sleep, mindfulness, and more.

View your highlights

Tap Summary at the lower left, then scroll down to see highlights of your recent health and fitness data.

To see more details about a category, tap $>$.

Add or remove a health category from Favorites on the Summary screen

Tap Summary at the lower left, tap Edit for the Favorites section, tap a category to turn it on or off, then tap Done.

View details in the health categories

Tap Browse at the bottom right to display the Health Categories screen, then do one of the following:

- Tap a category. (To see all categories, scroll up and down.)

- Tap the search field, then type the name of a category (such as Nutrition) or a specific type of data (such as Protein).

To view details about any of the data, tap $>$. Depending on the data type, you may be able to do the following:

- *See weekly, monthly, and yearly views of the data:* Tap the tabs at the top of the screen.

- *Manually enter data:* Tap Add Data in the top-right corner of the screen.

- *Move a data type to Favorites on the Summary screen:* Turn on Add to Favorites. (Scroll down if you don't see Add to Favorites.)

- *View which apps and devices are allowed to share data:* Tap Data Sources & Access below Options. (Scroll down if you don't see Options.)

- *Delete data:* Tap Show All Data below Options, swipe left on a data record, then tap Delete. To delete all data, tap Edit, then tap Delete All.

- *Change the measurement unit:* Tap Unit below Options, then select a different unit.

Learn more about health and fitness

The bottom of the Summary screen provides introductory articles, app suggestions, and other information. Tap an item to learn more.

When you view health category details, many categories also show recommended apps.

Track your menstrual cycle in Health on iPhone

In the Health app 🫀, track your menstrual cycle to get period and fertility window predictions.

Get started with cycle tracking

1. Tap Browse at the bottom right, then tap Cycle Tracking.

2. Tap Get Started, then follow the onscreen instructions.

   To help improve predictions for your period and fertility window, enter the requested information about your last period.

Log your cycle information

1. Tap Browse at the bottom right, then tap Cycle Tracking.

2. Do any of the following:

   - *Log a period day:* Tap a day in the timeline at the top of the screen. To log the flow level for that day, tap Period below Cycle Log, then choose an option.

     Or tap Add Period at the top right, then select days from the monthly calendar.

     Logged days are marked on the timeline with solid red circles. To remove a logged day, tap it.

   - *Log symptoms:* Drag the timeline at the top of the screen to select a day, tap Symptoms, then select all that apply. When finished, tap Done. Days with symptoms are represented by purple dots.

   - *Log spotting:* Drag the timeline to select a day, tap Spotting, choose Had Spotting, then tap Done.

3. To add additional categories, such as ovulation test results and basal body temperature, tap Options, then choose the categories.
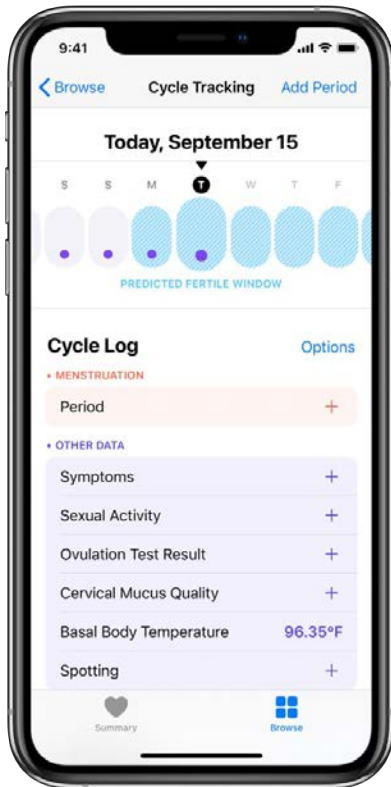
View the cycle timeline

Tap Browse at the bottom right, then tap Cycle Tracking.

Timeline information is displayed in the following format:

- *Solid red circles:* Days you logged for your period.

- *Purple dots:* Days you logged for having symptoms.

- *Light red circles:* Your period prediction.

  To hide or show predicted period days, tap Options, then turn Period Prediction off or on.

- *Light blue days:* A prediction of your likely fertility window. Fertility window predictions should not be used as a form of birth control.

  To show or hide the fertile window prediction, tap Options, then turn Fertility Prediction on or off.

To select different days, drag the timeline. Data that you logged for the selected day appears below in the Cycle Log.

Change period and fertility notifications and other cycle tracking options

1. Tap Browse at the bottom right, then tap Cycle Tracking.

2. Scroll down, then tap Options.

3. To turn an option on or off, tap it.

View your cycle history and statistics

1. Tap Browse at the bottom right, then tap Cycle Tracking.

2. Scroll down to see timelines of your three most recent periods; scroll further to see related statistics.

3. To see more details and older information for Cycle History or Statistics, tap ⟩ in that portion of the screen.

   To find only the days that match a particular symptom or flow level in the detailed Cycle History, tap Filters at the top right, choose an option, then tap Done.

Track audio and sound level exposure in Health on iPhone

Use the Health app 🫀 to view exposure levels for headphone audio and sounds captured by Apple Watch.

Collect audio levels from headphones

Connect EarPods, AirPods, and other compatible headphones to your iPhone.

The headphone audio levels are automatically sent to Health.

Note: Measurements are more accurate from AirPods than from headphones connected by wire. Measurements for wired headphones are estimated based on the volume of your iPhone.

Collect environmental sound levels from Apple Watch

Pair Apple Watch with your iPhone, then set up the Noise app on Apple Watch (watchOS 6 required, Apple Watch available separately).

Environmental sound levels are automatically sent from Apple Watch to Health. See the Apple Watch User Guide.

Note: You can get a notification from Apple Watch when environmental sound reaches a level that might affect your hearing. To view details about a notification, tap Browse at the bottom right, tap Hearing, tap Noise Notifications, then tap the notification.

View information about your audio and sound level exposure

1. Tap Browse at the bottom right, then tap Hearing.

2. Tap Headphone Audio Levels or Environmental Sound Levels, then do any of the following:

   - *Learn about the sound level classifications:* Tap ⓘ.

   - *View exposure levels over a time period:* Tap the tabs at the top of the screen.

     All levels are measured in decibels.

   - *Change the time span displayed in the graph:* Swipe the graph left or right.

   - *See details about a moment in time:* Touch and hold the graph, then drag to move the selection.

   - *View details about average exposure:* Tap Show All Filters, then tap Daily Average.

   - *View a line representing average exposure:* Tap Exposure below the graph.

   - *View the high and low range:* Tap Show All Filters, then tap Range.

   - *Filter the data by headphones:* Tap Show All Filters, scroll to the bottom of the screen, then choose one of your headphones.

   - *View highlights:* Scroll down; to see more, tap Show All.
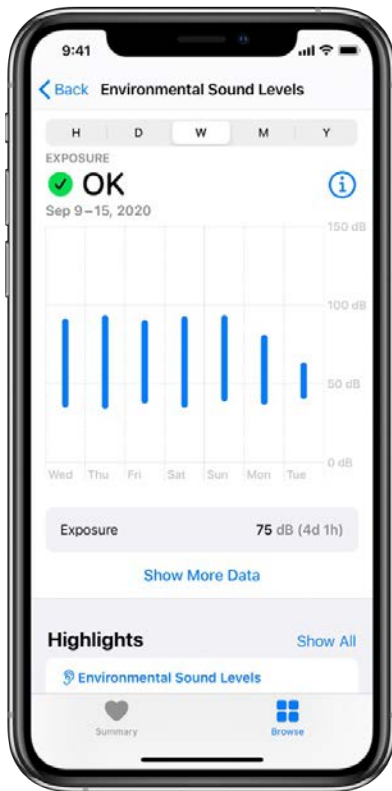
View noise notifications for environmental sounds

Sounds are generally considered loud when they're over 80 decibels. You can get a notification from Apple Watch when sound reaches a level that might affect your hearing.

1. Tap Browse at the bottom right, then tap Hearing.

2. Tap Noise Notifications, then tap a notification to see more details.

Set up sleep schedules in Health on iPhone

To help you meet your sleep goals, you can use the Health app 💗 to schedule times for unwinding at the end of your day, getting to bed, and waking up. You can create multiple schedules—for example, one for weekdays and another for weekends. For each schedule, you set up how you want iPhone to wake you by choosing an alarm and other options.

To reduce distractions and help protect your rest, you can enable Sleep Mode for iPhone. Sleep Mode simplifies your Lock Screen and turns on Do Not Disturb. You can schedule Sleep Mode to begin before it's time for bed.

If you relax before sleep by using iPhone for activities like reading or listening to music, you can add Wind Down Shortcuts for these activities on the Lock Screen.

💡 **Tip:** Add Sleep Mode to Control Center to quickly turn Sleep Mode on or off. See Use and customize Control Center on iPhone.

Set up your first sleep schedule

You can set up a schedule for waking up, winding down, and going to bed for one or more days of the week.

1. Tap Browse at the bottom right, then tap Sleep.

2. Swipe up, then tap Get Started (below Set Up Sleep).

3. Follow the onscreen instructions.

Change your next alarm

You can make a temporary change to a sleep schedule.

1. Tap Browse at the bottom right, then tap Sleep.

2. Scroll down to Your Schedule, then tap Edit (below Next).

3. To adjust your schedule for going to bed and waking up, drag 🛏 and 🔔.

4. Choose alarm options:

    - Turn the alarm and snooze off or on.

    - Choose a sound or vibration.

5. Tap Done.

Note: You can also use the Clock app ⬛ to change your next wake-up alarm.

After your next wake-up alarm, your normal schedule resumes.

Change or add a sleep schedule

1. Tap Browse at the bottom right, then tap Sleep.

2. Scroll down to Your Schedule, then tap Full Schedule & Options.

3. Do one of the following:

    - *Change a sleep schedule:* Tap Edit for the schedule you want to change.

    - *Add a sleep schedule:* Tap Add Schedule for Other Days.

4. Do any of the following:

- *Set the days for your schedule:* Tap a day at the top of the screen to add or remove it from your schedule. The schedule applies only to days shown with solid-color circles.

- *Adjust your Bedtime and Wake Up schedule:* Drag 🛏 and 🔔.

- *Set the alarm options:* Turn Wake Up Alarm on or off.

  When Wake Up Alarm is turned on, you can choose a sound, its volume, and more.

- *Remove or cancel a sleep schedule:* Tap Delete Schedule (at the bottom of the screen) to remove an existing schedule, or tap Cancel (at the top of the screen) to cancel creating a new one.

5. When you're finished, tap Done or Add.

To turn off all sleep schedules, tap Browse at the bottom right, tap Sleep, tap Full Schedule & Options, then turn off Sleep Schedule (at the top of the screen).

Change your Wind Down schedule and activities

Tap Browse at the bottom right, tap Sleep, tap Full Schedule & Options, then do one of the following:

- *Change when to turn on Sleep Mode before your scheduled Bedtime:* Tap Wind Down, then select a time.

- *Add or remove an activity for winding down:* Tap Wind Down Shortcuts, then tap Add Another Shortcut or ⊖.

  Wind Down Shortcuts for activities like reading or listening to music appear on the Lock Screen when iPhone is in Sleep Mode.

Change your sleep goal and other options

1. Tap Browse at the bottom right, tap Sleep, then tap Full Schedule & Options.

2. To change your sleep goal, tap Sleep Goal, then select a time.

3. To turn other options on or off, tap Options.

Settings for Do Not Disturb apply when iPhone is in Sleep Mode. You can change these settings; for example, you can allow calls from selected contacts to come through. See Set Do Not Disturb on iPhone.

View your sleep history

Sleep data in Health provides insight into your sleep habits.

1. Tap Browse at the bottom right, then tap Sleep.

2. Do any of the following:

    *   *View sleep data by week or month:* Tab a tab at the top of the screen.

    *   *Change the time span displayed in the graph:* Swipe the graph left or right.

    *   *View the details for a day:* Tap the column for the day.

    *   *Manually add sleep data:* Tap Add Data in the top-right corner of the screen.

    *   *Get cumulative sleep data:* Tap Show More Sleep Data.
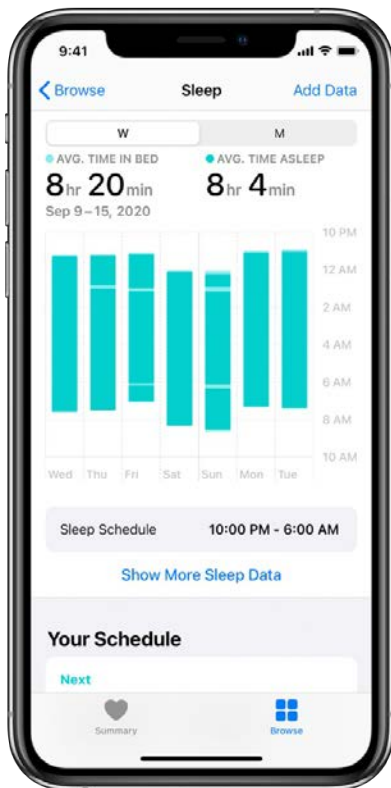
Time in Bed reflects the period you're lying in bed with the intention to sleep. iPhone automatically tracks your time in bed by analyzing when you pick up and use your iPhone. You can also tap Options at the bottom of the screen, turn off Track Time in Bed with iPhone, and manually enter your own estimated time in bed. Or you can use a sleep tracker app or a connected sleep monitor to help you determine the amount of time you're in bed.

Time Asleep reflects the period you're sleeping. You can manually enter your estimated time asleep, or you can can use a sleep tracker app or a connected sleep monitor to help you determine the amount of time you're asleep.

For information about collecting data from sleep trackers or monitors, see Collect data from other sources.

Share health and fitness data in Health on iPhone

You can give other apps permission to share health and fitness data with the Health app 💟. For example, if you install a workout app, its exercise data can appear in the Health app. The workout app can also read and make use of data (such as your heart rate and weight) shared by other devices and apps.

Control the sharing of data among apps and devices

1. Tap your profile picture or initials at the top right.

    If you don't see your profile picture or initials, tap Summary or Browse at the bottom of the screen, then scroll to the top of the screen.

2. Below Privacy, tap Apps or Devices.

    The screen lists the items that requested access to Health data.

3. To change the access for an item, tap it, then turn on or off permission to write data to—or read data from—Health.

Export and share your health data

1. Tap your profile picture or initials at the top right.

    If you don't see your profile picture or initials, tap Summary or Browse at the bottom of the screen, then scroll to the top of the screen.

2. Tap Export all health data, then choose a method for sharing your data.

Your data is exported in XML format, a common format for sharing data between apps.

Download health records in Health on iPhone

The Health app ♥ offers access to information from supported health organizations about your allergies, conditions, medications, and more (not available in all countries or regions).

Note: Your health organization might not appear in this feature. Organizations are added frequently. See the Apple Support article Institutions that support health records on iPhone and iPod touch.
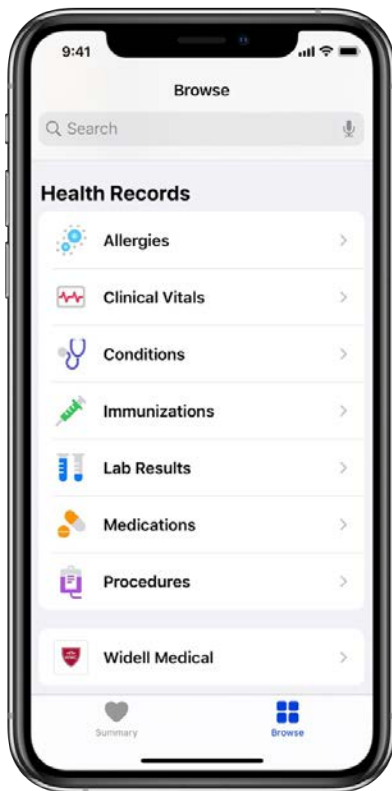
When iPhone is locked with a passcode, Touch ID, or Face ID, all of the health data in the Health app —other than what you add to your Medical ID—is encrypted.

Set up automatic downloads

1. Tap your profile picture or initials at the top right.

If you don't see your profile picture or initials, tap Summary or Browse at the bottom of the screen, then scroll to the top of the screen.

2. Tap Health Records, then do one of the following:

   - *Set up your first download:* Tap Get Started.

   - *Set up downloads for additional accounts:* Tap Add Account.
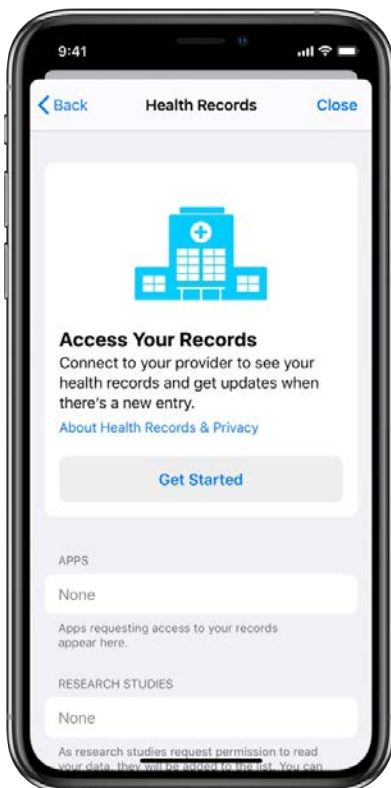
3. Enter the name of an organization, such as a clinic or hospital, where you obtain your health records. Or, to find a list of nearby organizations, enter the name of the city or state where you live.

4. To open a result, tap it.

5. Below Available to Connect, tap the Connect to Account button to go to the sign-in screen for your patient portal.

6. Enter the user name and password you use for the patient web portal of that organization, then follow the onscreen instructions.

View your health records

Tap Browse at the bottom right to display the Health Categories screen, then do one of the following:

- Tap the search field, then enter the name of a health record category (such as Clinical Vitals) or a type of data (such as Blood Pressure).

- Scroll down, then tap a category (such as Allergies or Clinical Vitals) below Health Records.

- Scroll down, then tap the name of a specific organization.

To see more details, tap any section where you see >.

Customize notification settings for health records

Go to Settings ⚙ > Notifications > Health, then choose options. See [View and respond to notifications on iPhone](#).

Delete an organization and its records from iPhone

1. Tap your profile picture or initials at the top right, then tap Health Records.

   If you don't see your profile picture or initials, tap Summary or Browse at the bottom of the screen, then scroll to the top of the page.

2. Tap the name of an organization, then tap Remove Account.

Share your records with other apps

Third-party apps can request access to your health records. Before you grant access, be sure that you trust the app with your records.

1. To grant access, choose which categories to share—such as allergies, medications, or immunizations—when asked.

2. Choose whether to grant access to your current and future health records or to only your current records.

   If you choose to share only your current records, you're asked to grant access whenever new records are downloaded to your iPhone.

To stop sharing health records with the app, [turn off its permission](#) to read data from Health.

Create and share your Medical ID in Health on iPhone

In the Health app ♥, you can create an emergency Medical ID that contains information about your medical conditions, allergies, medications, and more. First responders and others can view this critical information directly on your iPhone, even while it's locked.
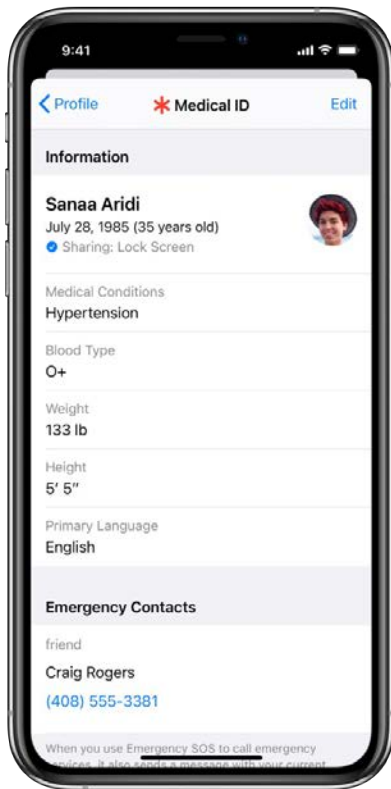
When you add emergency contacts to your Medical ID, they're automatically alerted when you use Emergency SOS from your iPhone or it's used from your Apple Watch.

You can also allow your Medical ID information to be sent automatically to emergency services, via a secure third-party service, when you call or text 911 or use Emergency SOS from your iPhone or Apple Watch (U.S. only; watchOS 6.2.5 or later required if Apple Watch is connected to Wi-Fi or a cellular network without your iPhone nearby; texting 911 isn't available in all locations).

Create or make changes to your Medical ID

1. Tap your profile picture or initials at the top right.

    If you don't see your profile picture or initials, tap Summary or Browse at the bottom of the screen, then scroll to the top of the screen.

2. Tap Medical ID, then do one of the following:

    -   *Create a Medical ID:* Tap Get Started.

    -   *Change your Medical ID:* Tap Edit.

Important: To automatically send your Medical ID information to emergency services when you call or text 911 or use Emergency SOS, turn on Share During Emergency Call (U.S. only; texting 911 isn't available in all locations). For information about how Apple protects your privacy, tap Learn More.

To enable first responders and others to view your Medical ID when your iPhone is locked, Show When Locked is turned on by default. Don't turn this option off unless you want to prevent responders from viewing your Medical ID.

A first responder views your Medical ID from the Lock Screen by swiping up or pressing the Home button (depending on your iPhone model), tapping Emergency on the Passcode screen, then tapping Medical ID.

💡 **Tip:** You can quickly view your Medical ID from the Home Screen: touch and hold the Health app icon, then choose Medical ID.

Manage health features with the Health Checklist on iPhone

Use the Health Checklist to review and turn on important features in the Health app ♥.

1. Tap your profile picture or initials at the top right.

If you don't see your profile picture or initials, tap Summary or Browse at the bottom of the screen, then scroll to the top of the screen.

2. Tap Health Checklist.

3. To turn on or learn more about an item in the list, tap it. To return to the checklist, tap Back

4. When you're finished, tap Done.

Register as an organ donor in Health on iPhone

(U.S. only) In the Health app ♥, register to be an organ, eye, or tissue donor with Donate Life America. Your decision to donate is accessible to others in your Medical ID. (If you later change your decision, you can remove your registration.)

Learn about organ donation

1. Tap your profile picture or initials at the top right.

   If you don't see your profile picture or initials, tap Summary or Browse at the bottom of the screen, then scroll to the top of the screen.

2. Tap Organ Donation, then tap Learn More for an overview of organ donation and Donate Life America.

Register with Donate Life America

1. Tap your profile picture or initials at the top right.

   If you don't see your profile picture or initials, tap Summary or Browse at the bottom of the screen, then scroll to the top of the screen.

2. Tap Sign Up with Donate Life.

To later change your donor information or remove your registration, tap your profile picture or initials, tap Organ Donation, then tap Edit Donor Registration.

Back up your Health data on iPhone

If you sign in with your Apple ID, your health and fitness information in the Health app ♥ is stored automatically in iCloud. Your information is encrypted as it goes between iCloud and your device and while it's stored in iCloud.

In addition to using iCloud, or if you aren't using iCloud, you can back up your Health data by encrypting a computer backup. See Back up iPhone.

Stop storing your Health data in iCloud

Go to Settings ⚙ > [*your name*] > iCloud, then turn off Health.

Home

Intro to Home on iPhone

The Home app 🏠 provides a secure way to control and automate HomeKit-enabled accessories, such as lights, locks, smart TVs, thermostats, window shades, smart plugs, and cameras. You can also view and capture video from supported security cameras, receive a notification when a supported doorbell camera recognizes someone at your door, and group multiple speakers to play the same audio. With Home, you can control any Works with Apple HomeKit accessory using iPhone.

After you set up your home and its rooms, you can control accessories individually, or use scenes to control multiple accessories with one command. For example, you might create a scene called "wake up" that turns on lights in the kitchen, raises the thermostat, plays your morning playlist on the kitchen HomePod, and unlocks the front door.

To control your home automatically and remotely, you must have Apple TV (4th generation or later), HomePod, or iPad (with iOS 10.3, iPadOS 13, or later) that you leave at home. You can schedule scenes to run automatically at certain times, or when you activate a particular accessory (for example, when you unlock the front door). This also lets you, and others you invite, securely control your home while you're away.

Set up accessories with Home on iPhone

The first time you open the Home app 🏠, the setup assistant helps you create a home, where you can add accessories and define rooms. If you've already created a home using another HomeKit-enabled app, you'll skip this step.

Add an accessory to Home

Before you add an accessory such as a light or camera, be sure that it's connected to a power source, is turned on, and is using your Wi-Fi network.

1. Tap the Home tab, then tap ＋.

2. Tap Add Accessory, then follow the onscreen instructions.

    When you add an accessory, it's assigned to a default room, or a room you choose.

You may need to scan a QR code or enter an 8-digit HomeKit setup code found on the accessory itself (or its box or documentation). A supported smart TV displays a QR code for you to scan. You can assign the accessory to a room, and give it a name, and then use this name when controlling the accessory with Siri. You can also add suggested automations during set up.

When you set up Apple TV in tvOS and assign it to a room, it automatically appears in that room in the Home app on iPhone.

Change an accessory's room assignment

1. Tap ⌂, then choose the room the accessory is currently assigned to.

   If it's not already assigned, look in Default Room.

2. Touch and hold the accessory's button, then swipe up or tap ⊘.

3. Tap Room, then choose a room.

4. Turn on Include in Favorites to add the accessory to the Home tab.

   To rearrange your favorites, tap ⌂, tap Edit Screen, then drag the accessory buttons into the arrangement you want. Tap Done when you're finished.

Organize rooms into zones

Group rooms together into a zone to easily control different areas of your home with Siri. For example, if you have a two-story home, you can assign the rooms on the first floor to a downstairs zone. Then you can say something to Siri like "Turn off the lights downstairs."

1. Tap ⌂.

2. Select a room, tap ⌂, then tap Room Settings.

3. Tap Zone, then tap an existing zone, or tap Create New to add the room to a new zone.

Edit a room

You can change a room's name and wallpaper, add the room to a zone, or remove the room. When you remove the room, the accessories assigned to it move to Default Room.

1. Tap 🏠.

2. Select a room, tap 🏠, then tap Room Settings.

Control accessories with Home on iPhone

Use the Home app 🏠 and Control Center to control accessories in your home.

Control accessories in the Home app

Tap the Home or Rooms tab, then tap the button for an accessory—a light, for example—to quickly turn the accessory on or off, or touch and hold the button until controls appear.

The available controls depend on the type of accessory. For example, with some lightbulbs, there are controls for changing colors. With your smart TV, you can choose an input source.

Control accessories in Control Center

When you're home with your iPhone and you open Control Center, you see the relevant scenes and accessories for that moment. For example, a coffee maker may appear in the morning and be replaced by your bedside lamp at night.

Just tap a button to turn an accessory or scene on or off, or touch and hold the button until controls appear. To quickly see all your scenes, rooms, and accessories (except cameras), open Control Center, then tap 🏠.

If you don't want accessories to appear in Control Center, go to Settings ⚙️ > Control Center, then turn off Show Home Controls.

Edit home accessories

To edit accessory settings, touch and hold the accessory's button, swipe up or tap ⚙️, then do any of the following:

- *Rename an accessory:* Tap ⊗ to delete the old name, then type a new one.

- *Change an accessory's icon:* Tap the icon next to the accessory's name, then select a new icon. If you don't get a choice of other icons, it means the icon can't be changed for this accessory.

Group accessories

You can control multiple accessories with the tap of a button by grouping them.

1. Touch and hold an accessory, swipe up on the screen or tap ⊘, then tap Group with Other Accessories.

2. Tap the accessory you want to group with this accessory—another light in the room, for example.

3. In the Group Name field, type a name for the group.

4. Tap Done.

   If you want the group to appear in the Home tab, turn on Include in Favorites.

View your home status

The Home app shows you issues that might need your attention—for example, your front door is unlocked, an accessory's battery is running low, or a light is on during the day. You can often address the issue with just a tap.

1. Open the Home app 🏠, then tap the Home tab.

2. Tap any of the round buttons that appear just below your home's name.

Touch and hold a button that represents a group of accessories—three lights that are switched on in two rooms, for example—and you can separately control the accessories for each room. In this case, you can turn off the two lights in the living room but leave the kitchen light on. Tapping the button controls all the accessories in the group—turns all the lights on or off, for example.

Turn on Adaptive Lighting

Some lights let you adjust their color temperature, from cool blue to warm yellow. You can set supported lights to automatically adjust the color temperature throughout the day. Wake up to warm colors, stay alert and focused mid-day with cooler ones, and wind down at night by removing blue light.

1. Touch and hold a lighting accessory that supports Adaptive Lighting.

2. Tap 🔆.

Add more homes with iPhone

In the Home app 🏠 you can add more than one physical space—a home and a small office, for example.

1. Tap 🏠, then tap Home Settings.

2. Tap Add Home, name the home, then tap Save.

3. To switch to another home, tap 🏠, then tap the home you want.

Set up HomePod in Home on iPhone

You can use the Home app 🏠 to add and edit alarms on HomePod and control many of its settings.

Use Home to add and edit HomePod alarms

In the Home app, touch and hold the HomePod button, then do any of the following:

- *Add an alarm:* Tap New, create the alarm, then tap Save.

- *Edit an alarm:* Tap the alarm, change the time, then tap Save.

- *Turn alarms on or off:* Tap the switch next to an alarm.

- *Delete an alarm:* Tap the alarm, then tap Delete Alarm.

Change HomePod settings

1. In the Home app, touch and hold the HomePod button.

2. Swipe up or tap ⚙, then configure HomePod settings.

   You can assign HomePod to a different room, add an automation, create a stereo pair with two HomePod speakers in the same room, rename HomePod, turn on accessibility features, and more.

Set up security cameras in Home on iPhone

You can use the Home app 🏠 to view video activity captured from your home's security cameras when a person, animal, or vehicle is detected. The video captured by your cameras is privately analyzed and encrypted on your home hub device (HomePod, Apple TV, or iPad) and securely uploaded to iCloud so that only you and those you share it with can view it. See the Home accessories website for a list of compatible security cameras.

With a 200-GB iCloud storage plan, you can view the last 10 days of activity from a single camera at no additional cost. You can switch to a different camera at any time, but to stream and record from more than one camera, you must have a 2-TB plan, which lets you view activity from up to five cameras. Video content doesn't count against your iCloud data limit.

Camera options

When you add a compatible camera to the Home app, you're asked to choose streaming and recording options and assign the camera to a room. By default, the camera is marked as a favorite and appears in the Home tab. To edit those settings later, touch and hold the camera button, then tap ⚙️ to see these options:

- *Room:* A camera can be located in a room inside your home, or you can create a room for an outside location such as your front porch or back yard.

- *Notifications:* Tap Notifications to choose when you'll receive a notification (at any time when you're not home, for example), when motion is detected, or when a clip is recorded. You can also choose to allow snapshots in notifications.

- *Streaming & Recording:* Options include Off, Detect Activity, Stream, and Stream & Allow Recording.

  You can create separate settings for when you're home and when you're away. For example, when you're home, you might choose to stop streaming and recording for a camera inside your home, but continue to stream and record from an outdoor camera.

  Note: The Home app uses the location of devices belonging to members of the home to switch between Home and Away modes. For example, when you leave for work with your iPhone, the camera switches from the When Home settings to the When Away settings.

- *Recording Options:* Your camera can record when any motion is detected or when specific motion is detected. When you choose Specific Motion, video recording is triggered by the motion of people, animals, or vehicles.

  💡 **Tip:** Choosing a specific motion, rather than any motion, results in fewer clips (and fewer clip notifications) and less video to review. For example, choose People, and your camera won't capture the movement of leaves on a tree or a squirrel leaping from branch to branch.

Create activity zones

You can create zones that focus your camera on the most important areas within its view—your front walkway but not the sidewalk behind it, for example. You can then be alerted when motion is detected in these zones.

Note: You can create activity zones only for cameras configured to record when a specific motion is detected. Activity zones won't affect motion detection automations.

1. Tap the Home tab, touch and hold the camera, then tap ⚙️.

2. Tap Activity Zones, tap or draw on the video to create a zone, then tap Add Zone.

   To have your camera detect motion only outside the zone you defined, tap Invert Zone.

3. Create any additional zones you want within the camera's view—one for the driveway and another for the mailbox, for example.

4. Tap Add Zone for each zone you create, then tap Done.

View video

1. Tap the Home tab, then tap the camera.

   Live video should play automatically.

2. Swipe through the timeline at the bottom of the screen to browse recorded clips.

3. Tap a clip to play it.

4. Pinch the clip open left and right to show the timeline, then drag to go forward or back through the video.

5. Tap Live to switch back to live video.

When you set up the camera to detect specific motion, the timeline displays unique symbols for people, animals, and vehicles.

You can also view live and recorded video in the Home app on your Mac with macOS 10.15.1 or later.

Choose access options

To allow other people to view video from your cameras, follow these steps:

1. Tap ⌂.

2. Tap Home Settings, then below the People heading, tap a person.

3. Tap Cameras, then choose an option.

To learn how to allow other people to view video from your cameras, see Allow others to control accessories in your home.

Use Face Recognition in Home on iPhone

With a compatible camera or doorbell, you can use the Home app 🏠 to be notified when people you've tagged in the Photos app come to your door.

Set up Face Recognition

Face Recognition identifies people by the faces that appear in your photo library or pictures of recent visitors captured by your camera or doorbell.

If you're setting up a camera or doorbell for the first time, do the following:

1. Add the accessory to the Home app.

2. In the Recognize Familiar Faces card, turn on Face Recognition, then tap Continue.

3. Choose who can access your photo library—Never, Only Me, or Everyone in this Home.

   - *Never:* Only faces you've added from clips in the Home app are recognized.

   - *Only Me:* Only the notifications you receive have the names of people in your photo library.

   - *Everyone in this Home:* The notifications for everyone in your home have the names of people in your photo library.

4. Tap Continue, then finish setting up the camera or doorbell.

If you have an existing doorbell or camera and want to use it to identify visitors, tap it in the Home tab, tap ⚙, tap Face Recognition, then turn on Face Recognition. Tap your photo library, then choose who can access it.

Note: Notifications can appear on any of the devices associated with your Apple ID.

Identify recent visitors

You can use Face Recognition to help identify people not in your photo library, using a picture captured by your camera or doorbell.

1. With Face Recognition turned on, open the Home app 🏠, then tap the Home tab.

2. Tap the camera or doorbell, then tap ⚙️.

3. Tap Face Recognition, tap an unidentified person listed under Recent, then tap Add Name.

4. Add the person's name or their relationship to you—Mom or Mail Carrier, for example.

5. Choose whether to be notified when they're seen by your camera or doorbell.

Set up notifications

1. Open the Home app 🏠, tap 🏠, then tap Home Settings.

2. Tap Cameras & Doorbells below Notifications.

3. Tap the camera for which you'd like to configure notifications.

4. Turn on Notifications on This iPhone.

5. Choose to receive notifications when a clip is recorded.

You can also set up notifications for a particular camera or doorbell. Tap the device in the Home tab, tap ⊛, tap Notifications, turn on Notifications on This iPhone, then choose to receive notifications when a clip is recorded.

Share faces with your household

You can allow the members of your household to see the names of visitors identified in your photo library.

1. With Face Recognition turned on, open the Home app 🏠, tap 🏠, then tap Home Settings.

2. Tap Cameras & Doorbells below Notifications, then tap Face Recognition.

3. Tap your photo library, then tap Everyone in this Home.

Configure a router in Home on iPhone

You can use the Home app 🏠 to make your smart home more secure by allowing a compatible router to control which services your HomeKit accessories can communicate with on your home Wi-Fi network and on the internet. HomeKit-enabled routers require that you have a HomePod, Apple TV, or iPad set up as a home hub. See the Home accessories website for a list of compatible routers.

To configure the router's settings, follow these steps:

1. Set up the router with the manufacturer's app on an iOS device.

2. Open the Home app 🏠, then tap 🏠.

3. Tap Home Settings, then tap Wi-Fi Network & Routers.

4. Tap an accessory, then choose one of these settings:

   - *No Restriction:* The router allows the accessory to connect to any internet service or local device.

     This provides the lowest level of security.

   - *Automatic:* The router allows the accessory to connect to an automatically updated list of manufacturer approved internet services and local devices.

   - *Restrict to Home:* The router only allows the accessory to connect to your home hub.

     This option may prevent firmware updates or other services.

Create and use scenes in Home on iPhone

In the Home app 🏠, you can create scenes that allow you to control multiple accessories at once. For example, you might define a "Reading" scene that adjusts the lights, plays soft music on HomePod, closes the drapes, and adjusts the thermostat.

Create a scene

1. Tap the Home tab, tap ＋, then tap Add Scene.

2. Tap Custom, enter a name for the scene (such as "Dinner Party" or "Watching TV"), then tap Add Accessories.

3. Select the accessories you want this scene to include, then tap Done.

   The first accessory you select determines the room the scene is assigned to. If you first select your bedroom lamp, for example, the scene is assigned to your bedroom.

4. Set each accessory to the state you want it in when you run the scene.

   For example, for a Reading scene, you could set the bedroom lights to 100 percent, choose a low volume for the HomePod, and set the thermostat to 68 degrees.

Use scenes

Tap 🏠, choose the room the scene is assigned to, then do one of the following:

- *Run a scene:* Tap the scene.

- *Change a scene:* Touch and hold a scene.

  You can change the scene's name, test the scene, add or remove accessories, include the scene in Favorites, and delete the scene. If HomePod is part of the scene, you can choose the music it plays.

  Favorite scenes appear in the Home tab.

Control your home using Siri on iPhone

In addition to using the Home app 🏠, you can use Siri to control your accessories and scenes. Here are some of the things you can say to Siri for the accessories you add and the scenes, rooms, or homes you set up:

- "Turn off the lights" or "Turn on the lights"

- "Set the temperature to 68 degrees"

- "Did I lock the front door?"

- "Show me the entryway camera"

- "Turn down the kitchen lights"

- "Set my reading scene"

- "Turn off the lights in the Chicago house"

Learn how to ask Siri.

Control your home remotely with iPhone

In the Home app 🏠, you can control your accessories even when you're away from home. To do so, you need a *home hub*, a device such as Apple TV (4th generation or later), HomePod, or iPad (with iOS 10.3, iPadOS 13, or later) that you leave at home.

Go to Settings ⚙ > [*your name*] > iCloud, then turn on Home.

You must be signed in with the same Apple ID on your home hub device and your iPhone.

If you have an Apple TV or a HomePod and you're signed in with the same Apple ID as your iPhone, it's set up automatically as a home hub. To set up iPad as a home hub, see the Home chapter of the iPad User Guide.

Use automations in Home on iPhone

In the Home app 🏠, you can run automations based on the time of day, your location, the activation of a sensor, or the action of an accessory. You can use preconfigured automations included with the Home app, or create automations of your own.

Use a preconfigured automation

1. Touch and hold an accessory, then swipe up or tap ⚙.

2. Turn on an automation.

To disable an automation, return to the accessory's setting screen, then turn it off.

Create an automation

1. Tap the Automation tab.

2. Tap $+$, then choose one of the following automation triggers:

- *When arriving at or leaving a location:* Tap People Arrive or People Leave. Choose when the automation is activated by people arriving or leaving, the location, and the time the automation works.

- *At a time of day:* Tap A Time of Day Occurs, then choose when you want this automation to run.

  If you choose Sunset or Sunrise, times vary as the season changes.

  You can also set an automation to only occur after sunset, which is useful for turning on lights just when they're needed.

- *When an accessory changes:* Tap An Accessory is Controlled, select an accessory, tap Next, then follow the onscreen instructions.

  You might use this, for example, to run a scene when you unlock the front door.

- *A sensor detects something:* Tap A Sensor Detects Something, select an accessory, tap Next, then follow the onscreen instructions.

  You might use this, for example, to turn on lights in a stairway when motion is detected nearby.

To disable an automation, tap the Automation tab, tap the automation, then turn off Enable This Automation.

You can also touch and hold an accessory in the Home or Rooms tab, tap ⚙, then add, enable, or disable automations.

Add a Siri shortcut

To make your automation even more efficient, you can add a Siri Shortcut to it.

1. When choosing accessories to control with an automation, swipe up, then tap Convert To Shortcut.

2. Tap ⊕, then choose a shortcut.

See the Shortcuts User Guide.

Allow others to control accessories in your home

In the Home app 🏠, you can invite other people to control your smart accessories. You and the people you invite need to be using iCloud and have iOS 11.2.5, iPadOS 13, or later. You also need to be at your home or have a home hub set up in your home.

Invite others to control accessories

1. Tap ⌂.

2. Tap Home Settings, then tap Invite.

   If you set up more than one home, tap Home Settings, then tap a home.

3. Tap ⊕ to choose people with an Apple ID from your contacts list, or enter their Apple ID email addresses in the To field.

4. Tap Send Invite.

5. Ask the invitee to do one of the following:

   - *In the notification:* (iOS or iPadOS device) Tap Accept.

   - *In the Home app:* (iOS or iPadOS device) Tap ⌂, tap Home Settings, then tap their name.

   - *On Apple TV:* Tap Show Me on Apple TV, then turn on one or more Apple TVs.

Allow others to access your AirPlay 2-enabled speakers and TVs

1. Tap ⌂.

2. Tap Home Settings > Allow Speaker & TV Access, then choose an option.

You can allow everyone, anyone on the same network, or only people you've invited to share the home. You can also require a password that allows speaker access. To learn more about HomePod speaker and Apple TV access, see the HomePod User Guide and the Apple TV User Guide.

iTunes Store

Get music, movies, TV shows, and more in the iTunes Store on iPhone

Use the iTunes Store app ⭐ to add music, movies, TV shows, and ringtones to iPhone.

Note: You need an internet connection to use the iTunes Store. The availability of the iTunes Store and its features varies by country or region. See the Apple Support article Availability of Apple Media Services.

Find music, movies, and TV shows

1. In the iTunes Store, tap any of the following:

   - *Music, Movies, or TV Shows:* Browse by category. To refine your browsing, tap Genres at the top of the screen.

   - *Charts:* See what's popular on iTunes.

   - *Search:* Enter what you're looking for, then tap Search on the keyboard.

   - *More:* Browse recommendations based on what you bought from iTunes.

2. Tap an item to see more information about it. You can preview songs, watch trailers for movies and TV shows, or tap ⬆️ to do any of the following:

   - *Share a link to the item:* Choose a sharing option.

   - *Give the item as a gift:* Tap Gift.

   - *Add the item to your wish list:* Tap Add to Wish List.

     To view your wish list, tap ☰, then tap Wish List.

Buy and download content

1. To buy an item, tap the price. If the item is free, tap Get.

   If you see ⬇️ instead of a price, you already purchased the item, and you can download it again without a charge.

2. If required, authenticate your Apple ID with Face ID, Touch ID, or your passcode to complete the purchase.

3. To see the progress of a download, tap More, then tap Downloads.

Redeem or send an App Store & iTunes Gift Card

1. Tap Music, then scroll to the bottom.

2. Tap Redeem or Send Gift.

Get ringtones, text tones, and alert tones in the iTunes Store on iPhone

In the iTunes Store app ⭐, you can purchase ringtones, text tones, and other alert tones for clock alarms and more.

Buy new tones

1. In the iTunes Store, tap More, then tap Tones.

2. Browse by category or tap Search to find a specific song or artist.

3. Tap a tone to see more information or play a preview.

4. To buy a tone, tap the price.

Redownload tones purchased with your Apple ID

If you bought tones on another device, you can download them again.

1. Go to Settings ⚙ > Sounds & Haptics (on supported models) or Sounds (on other iPhone models).

2. Below Sounds and Vibration Patterns, tap any sound.

3. Tap Download All Purchased Tones. You might not see this option if you already downloaded all the tones that you purchased or if you haven't purchased any tones.

Manage your iTunes Store purchases and settings on iPhone

In the iTunes Store app ⭐, you can review and download music, movies, and TV shows purchased by you or other family members. You can also customize your preferences for the iTunes Store in Settings.

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. See Turn on Ask To Buy for children on iPhone.

View and download music, movies, or TV shows purchased by you or family members

1. In the iTunes Store, tap More, then tap Purchased.

2. If you set up Family Sharing, choose a family member to view their purchases.

   Note: You can see purchases made by family members only if they choose to share their purchases.

3. Tap Music, Movies, or TV Shows.

4. Find the item you want to download, then tap ☁.

View your entire iTunes Store purchase history

To see a chronological list of the apps, songs, movies, TV shows, books, and other items purchased with your Apple ID, view your iTunes Store purchase history.

In your purchase history, you can do any of the following:

- View when an order was billed to your account.

- View the date of a purchase.

- Resend email receipts.

- Report a problem with purchased content.

Set content restrictions

After you turn on content and privacy restrictions, go to Settings ⚙ > Screen Time > Content & Privacy Restrictions > Content Restrictions, then set any of the available restrictions. You can block explicit content, turn off music videos, restrict content by age-appropriate ratings, and more.

Mail

Write an email in Mail on iPhone

With the Mail app ✉, you can write and edit emails, and send and receive photos, videos, drawings, documents, and more.

Change mailboxes or accounts.

9:41

Mailboxes   Edit — Delete, move, or mark multiple messages.

Inbox

Q Search

● Eugene Kim   Yesterday >
Jazz in the Park

● Ankita Jain Gupta   Yesterday >
Send photos please!
Hi Julie, Remember that awesome trip we took
last year? I found this picture, and thought abo...

Cindy Cheung   Thursday >
Window Nook
Hey Julie! How do you feel about blinds instead
of curtains? Maybe a dark wood to warm the s...

Edwina Greenaway   Tuesday >
Book club

Rasoul Al Malkawi   8/31/20 >
Resume
I've attached Carol's resume. She's the one I
was telling you about. She may not have quite...

Chella Boehm   8/28/20 >
Thank you

Updated Just Now   — Compose a message.
2 Unread

Filter messages.

Create an email message

🎙 **Ask Siri.** Say something like: "New email to John Bishop" or "Email Simon and say I got the forms, thanks." Learn how to ask Siri.

Or do the following:

1. Tap ✒️.

2. Tap in the email, then type your message.

   With the onscreen keyboard, you can tap individual keys or slide your finger from one letter to the next to type without lifting your finger. (See Enter text using the onscreen keyboard.)

3. To change the formatting, tap ‹ in the format bar above the keyboard, then tap Aa.

   You can change the font style, change the color of text, use a bold or italic stye, add a bulleted or numbered list, and more.

Reply to an email

1. Tap in the email, tap ↩, then tap Reply.

2. Type your response.

   With the onscreen keyboard, you can tap individual keys or slide your finger from one letter to the next to type without lifting your finger. (See Enter text using the onscreen keyboard.)

Quote some text when you reply to an email

When you reply to an email, you can include text from the sender to clarify what you're responding to.

1. In the sender's email, touch and hold the first word of the text, then drag to the last word. (See Select and edit text on iPhone.)

2. Tap ↩, tap Reply, then type your message.

To turn off the indentation of quoted text, go to Settings ⚙ > Mail > Increase Quote Level.

Add attachments to an email on iPhone

In the Mail app ✉, you can attach photos, videos, scanned documents, and more to an email.

Attach a document to an email

You can attach a saved document to an email.

1. Tap in the email where you want to insert the document, then tap ‹ in the format bar above the keyboard.

2. Tap 🗎 above the keyboard, then locate the document in Files.

   In Files, tap Browse or Recent at the bottom of the screen, then tap a file, location, or folder to open it.

3. Tap the document to insert it into your email.

You can also drag a file to your email to attach it to the email.

Insert a saved photo or video

1. Tap in the email where you want to insert the photo or video, then tap ‹ in the format bar above the keyboard.

2. Tap 🖼 in the format bar, then locate the photo or video in the photo selector.

   You can swipe up to see more images.

3. Tap the photo or video to insert it into your email.

Take a photo or video to insert into an email

1. Tap in the email where you want to insert the photo or video, then tap ⟨ above the keyboard.

2. Tap ⬡ above the keyboard, then take a new photo or video.

3. Tap Use Photo or Use Video to insert it into your email, or tap Retake if you want to reshoot it.

Scan a document into an email

1. Tap in the email where you want to insert the scanned document, then tap ⟨ above the keyboard.

2. Tap ⬚ above the keyboard.

3. Position iPhone so that the document page appears on the screen—iPhone automatically captures the page.

   To capture the page manually, tap ◯ or press a volume button. To turn the flash on or off, tap ⚡.

4. Scan additional pages, then tap Save when you're done.

5. To make changes to the saved scan, tap it, then do any of the following:

   - *Crop the image:* Tap ⬐.

   - *Apply a filter:* Tap ⬤.

   - *Rotate the image:* Tap ⬎.

   - *Delete the scan:* Tap 🗑.

Mark up an attachment

You can use Markup to write or draw on a photo, video, or PDF attachment.

1. In the email, tap the attachment, then tap Ⓐ.

2. Using the drawing tools, draw with your finger.

3. When you're finished, tap Done.

See Draw in apps with Markup on iPhone.

Tap to add text, signatures, or shapes, or use the Magnifier.

Tap to choose a color.

Select a drawing tool, the eraser, or the selection tool.
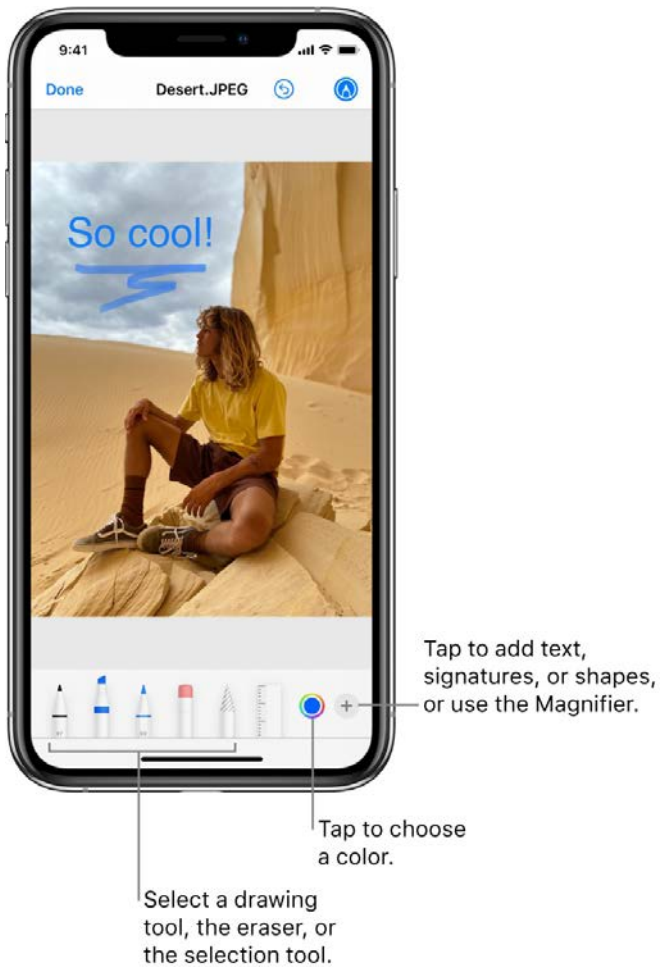
Draw in your email

1. Tap in the email where you want to insert a drawing, then tap ⟨ above the keyboard.

2. Tap Ⓐ in the format bar.

3. Choose a drawing tool and color, then write or draw with your finger.

   See Draw in apps with Markup on iPhone.

4. When you're finished, tap Done, then tap Insert Drawing.

To resume work on a drawing, tap the drawing, then tap Ⓐ.
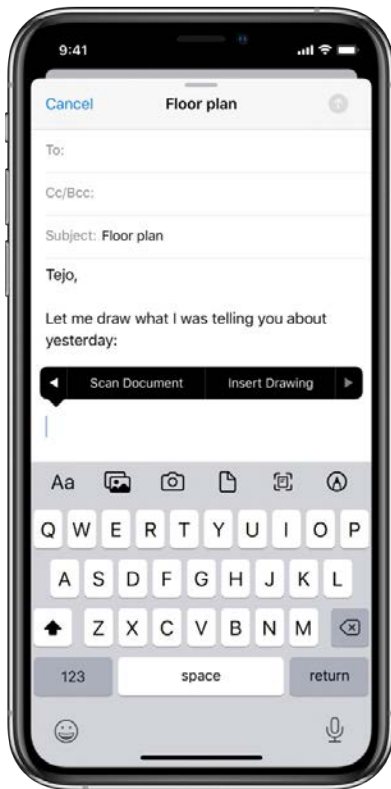
Address and send email in Mail on iPhone

In the Mail app ✉, you can send email from any of your email accounts, mark addresses from outside certain domains, and more.

Add recipients

1. Tap in the To field, then type the names of recipients.

   As you type, Mail automatically suggests people from your Contacts, along with email addresses for the people who have more than one email address.

   You can also tap ⊕ to open Contacts and add recipients from there.

2. If you're sending a copy, tap the Cc/Bcc field.

3. Tap in the Cc field, then enter the names of people you're sending a copy to.

4. Tap in the Bcc field, then enter the names of people whose names you don't want other recipients to see.

🔅 **Tip:** After you enter recipients, you can reorder their names in the address fields, or drag them from one address field to another—for example, to the Bcc field if you decide you don't want their names to appear.

Automatically send a copy to yourself

Go to Settings ⚙ > Mail, then turn on Always Bcc Myself.

Add additional mail accounts

1. Go to Settings ⚙ > Mail > Accounts > Add Account, then tap Other.

2. Tap Add Mail Account.

3. Enter your name, email address, and password, then tap Next.

4. Enter the names of the incoming and outgoing mail servers for your account and any other requested information.

5. Tap Save.

Customize your email signature

You can customize the email signature that appears automatically at the bottom of every email you send.

1. Go to Settings ⚙ > Mail, then tap Signature.

2. Tap in the text field at the top of the screen, then edit your signature.

💡 **Tip:** If you have more than one email account, tap Per Account to set a different signature for each account.

Send an email from a different account

If you have more than one email account, you can specify which account to send email from.

Tap the From field to choose an account.

Mark addresses outside certain domains

When you're addressing an email to a recipient who's not in your organization's domain, you can have the recipient's name appear in red to alert you.

1. Go to Settings ⚙ > Mail > Mark Addresses.

2. Enter the domains that are in your organization—ones that you don't want marked in red.

   You can enter multiple domains separated by commas (for example, "apple.com, example.org").

   Any email sent to or from other domains is marked.

View an email in Mail on iPhone

In the Mail app ✉, you can preview some of the contents of an email without opening it.
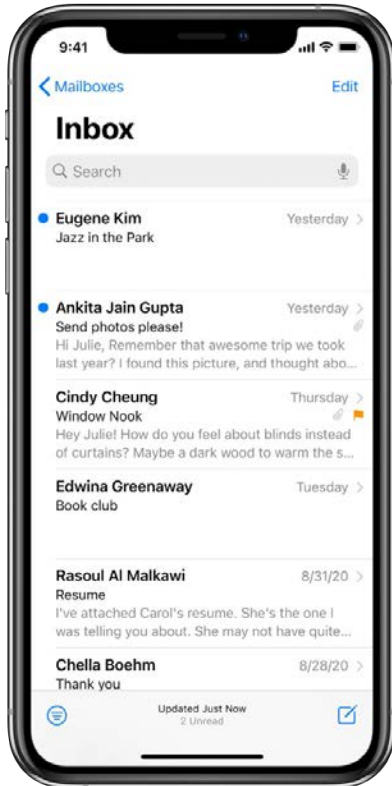
Preview an email and a list of options

In a mailbox list, touch and hold an email to preview its contents and see a list of options for replying, filing it, and more. See Perform quick actions on iPhone.

Show a longer preview

In your mailbox lists, Mail displays two lines of text for each email by default. You can choose to see more lines of text without opening the email.

Go to Settings ⚙ > Mail > Preview, then choose up to five lines.

Show the whole email

In the list of emails, tap the one you want to read.

Show the whole conversation

Go to Settings ⚙ > Mail, then turn on Organize by Thread.

To change how threads are displayed, you can also change other settings in Settings > Mail—such as Collapse Read Messages or Most Recent Message on Top.

Show To and Cc labels in your Inbox

Go to Settings ⚙ > Mail, then turn on Show To/Cc Labels.

You can also view the To/Cc mailbox, which gathers all mail addressed to you. To show or hide it, tap Mailboxes, tap Edit, then select "To or Cc."

Add someone to your contacts or make them a VIP

In an email, tap a person's name or email address, then do one of the following:

- To add them to your contacts, tap Create New Contact or Add to Existing Contact.

  You can add a phone number, other email addresses, and more.

- To add them to your VIP list, tap Add to VIP.

Save a draft in Mail on iPhone

In the Mail app ✉, you can save a draft to finish later, or look at existing emails while you're writing a new one.

Save a draft for later

If you're writing an email and want to finish it later, tap Cancel, then tap Save Draft. To resume work on a saved draft email, touch and hold ✏, then select a draft.

You can also swipe down on the title bar of an email you're writing to save it for later. When you're ready to return to your email, tap its title at the bottom of the screen.

With OS X 10.10 or later, you can also hand off unfinished emails with your Mac. See Hand off tasks between iPhone and your Mac.

Flag and filter emails on iPhone

In the Mail app ✉️, you can flag and filter your emails.

Flag an email

You can flag an email to make it easier to find later. An email you flag remains in your Inbox, but also appears in the Flagged mailbox. To view the Flagged mailbox, tap Mailboxes at the top left, tap Edit, then select Flagged.

1. Open the email, tap ↩️, then tap Flag.

2. To choose a color for the flag, tap a colored dot.

    To change or remove a flag, open the email, tap ↩️, then select another color, or tap 🚩.
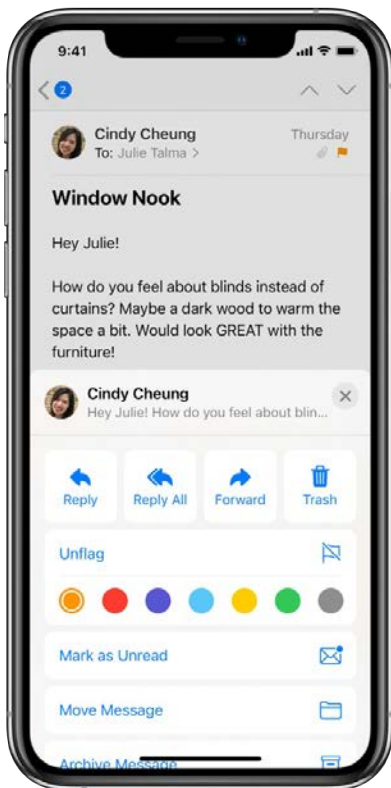
Flags you add to an email appear on that email in Mail on all your Apple devices where you're signed in with the same Apple ID.

Flag emails from your VIPs

Add important people to your VIP list, so their emails appear with a VIP flag and in the VIP mailbox.

1. While viewing an email, tap the name or email address of a person in the email.

2. Tap Add to VIP.

Get notified of replies to an email or thread

You can create mail notifications when reading or writing an email.

- *When reading an email:* Tap ↩, then tap Notify Me.

- *When writing an email:* Tap the Subject field, tap 🔔 in the Subject field, then tap Notify Me.

You can create mail notifications that let you know when you receive emails in favorite mailboxes or from your VIPs. To change how notifications appear, go to Settings ⚙ > Notifications > Mail, then turn on Allow Notifications.

🎙 **Ask Siri.** Say something like: "Any new mail from Nanditha today?" Learn how to ask Siri.

Mute email notifications

To reduce interruptions from busy email threads, you can mute notifications of the messages in the conversations.

1. Open an email in the conversation.

2. Tap ↩, then tap Mute.

To specify what you want done with emails you muted, go to Settings ⚙ > Mail > Muted Thread Action, then select an option.

Block email from specified senders

To block a sender, tap their email address, then select "Block this Contact."

Manage junk mail

To move an email to the Junk folder, open it, tap ↩, then tap Move to Junk.

💡 **Tip:** If you move an email accidentally, immediately swipe left with three fingers to undo.

Filter emails

You can use filters to temporarily show only certain messages—the ones that meet all the criteria you select in the filter list. For example, if you select "Unread" and "Only Mail with Attachments," you see only unread emails that have attachments.

1. Tap ⊜ in the bottom-left corner of a mailbox list.

2. Tap "Filtered by."

3. Select or turn on the criteria for emails you want to view.

4. Tap ⊜ in the bottom-left corner to hide emails that don't match the current filters. Tap again to turn the filter off.

To turn off an active filter, deselect it or turn it off. To turn off all filters, tap the Filter button.

Organize email in Mail on iPhone

In the Mail app ✉, manage your email in mailboxes.

Manage an email with a swipe

While viewing an email list you can use a simple swipe to move individual emails to the trash, mark them as read, and more.

To reveal a list of actions, slowly swipe an email to the left until you see the menu, then tap an item. To use the rightmost action, quickly swipe all the way to the left.

Swipe right to reveal one other action.

To choose the actions you want to appear in the menus, go to Settings ⚙ > Mail > Swipe Options.

Organize your mail with mailboxes

In the Mailboxes list, you can view all your mailboxes, create a new one, or rename or delete one. (Some mailboxes can't be changed.)

1. Tap Mailboxes in the upper-left corner.

2. Tap Edit at the top of the list.

3. Select the checkboxes next to a mailbox you want to view.

   There are several smart mailboxes, such as Unread, that show emails from all your accounts. Tap the mailboxes you want to view.

4. To add a mailbox, tap New Mailbox at the bottom of the list.

5. Enter a name and specify a location, then tap Save.

Reorder your mailboxes

You can reorder your mailboxes so that the ones you use most often appear at the top of the Mailboxes list.

1. Tap Mailboxes in the upper-left corner.

2. Tap Edit at the top of the list.

3. Touch and hold ≡ next to a mailbox until it lifts up, then drag it to the position you want.

Move or mark multiple emails

1. While viewing a list of emails, tap Edit.

2. Select the emails you want to move or mark by tapping their checkboxes.

   To select multiple emails quickly, swipe down through the checkboxes.

3. Choose the action you want to perform on all the selected emails.

   If you change your mind, immediately swipe left with three fingers to undo.

Show draft emails from all of your accounts

If you have more than one email account, you can show draft emails from all your accounts.

1. Tap Mailboxes in the upper-left corner.

2. Tap Edit at the top of the list.

3. Tap Add Mailbox, then turn on the All Drafts mailbox.

Search for email in Mail on iPhone

In the Mail app 📧, you can search for emails using different criteria.

Search for text in an email

1. Swipe down from the middle of a mailbox list to reveal the search field.

2. Tap in the search field, then type the text you're looking for.

3. Choose between searching all mailboxes or the current mailbox above the results list.

4. Tap an email in the results list to see it.

Searching looks at the address fields, the subject, and the email body. The most relevant emails appear in Top Hits above the search suggestions as you type.

Search by timeframe

Swipe down from the middle of a mailbox list to reveal the search field, tap in the search field, then type something like "February meeting" to find all emails from February with the word "meeting."

Search by email attributes

You can search for emails by various attributes. For example, you can do any of the following:

- *Find all flagged emails:* Type "flag" in the search field, then tap Flagged Messages below Other.

- *Find all emails from people in your VIP list:* Type "vip" in the search field, then tap Messages from VIPs below Other.

- *Find all unread emails:* Type "unread" in the search field, then tap Unread Messages below Other.

- *Find all email with attachments:* Type "attachment" in the search field, then tap Messages with Attachments below Other.

Delete and recover emails in Mail on iPhone

In the Mail app 🟦, delete emails you no longer need.

Delete emails

There are multiple ways to delete emails. Do any of the following:

- *While viewing an email:* Tap 🗑 at the bottom of the email.

- *While viewing the email list:* Swipe an email left, then choose Trash from the menu.

  To delete the email in a single gesture, swipe it all the way to the left.

- *Delete multiple emails at once:* While viewing a list of emails, tap Edit, select the emails you want to delete, then tap Trash.

  To select multiple emails quickly, swipe down through the checkboxes.

To turn the confirmation of deletion on or off, go to Settings ⚙ > Mail, then turn on or off Ask Before Deleting.

If you change your mind, immediately swipe left with three fingers to undo.

Recover a deleted email

1. Go to the account's Trash mailbox, then open the email.

2. Tap ↩, then move the message to another mailbox.

If you change your mind, immediately swipe left with three fingers to undo.

💡 **Tip:** To see deleted emails across all your accounts, tap Mailboxes at the top left, tap Edit at the top of the list, then select the All Trash mailbox.

Archive instead of delete

Instead of deleting emails, you can archive them in the Archive mailbox. (You can still delete emails, even if you set up an Archive mailbox.)

1. Go to Settings ⚙️ > Mail, then tap Accounts.

2. Tap your email account, tap Mail (below Advanced), then tap Advanced.

3. In the Advanced settings, change the destination mailbox for discarded emails to Archive Mailbox.

When this option is turned on, to delete an email instead of archiving it, touch and hold 🗨, then tap Trash Message.

Decide how long to keep deleted emails

You can set how long deleted emails stay in the Trash mailbox.

1. Go to Settings ⚙️ > Mail, then tap Accounts.

2. Tap your email account, tap Mail (below Advanced), then tap Advanced.

3. In the Advanced settings, tap Remove, then select a time interval.

Note: Some email services might override your selection; for example, iCloud doesn't keep deleted emails longer than 30 days, even if you select Never.

Work with email attachments on iPhone

In the Mail app 📧, preview, save, open, and annotate email attachments.

Preview an attachment

Touch and hold an attachment to preview it and see a list of actions you can perform.

Save a photo or video attachment to Photos

Touch and hold the photo or video, then tap Add to Photos.

Open an attachment with another app

1. Touch and hold the attachment until a menu appears.

2. Tap ⬆️, then choose the app you want to use to open the attachment.

Note: Some attachments automatically show a banner with buttons you can use to open other apps.

See emails with attachments

1. In a mailbox, tap 🔵 to turn on filtering.

2. Tap "Filtered by," then turn on "Only Mail with Attachments."

You can also use the Attachments mailbox, which shows emails with attachments from all accounts. To view it, tap Mailboxes at the top left, tap Edit above the Mailboxes list, then select Attachments.

Send large attachments

Mail Drop is an iCloud feature you can use to send files exceeding the maximum size allowed by your email account.

To use Mail Drop, tap Send when you're ready to send an email with large attachments, then follow the onscreen instructions.

Mail must be turned on in Settings ⚙️ > [*your name*] > iCloud. See the Apple Support article Mail Drop limits.

To learn how to send any attachment, see Add attachments to an email on iPhone.

Print an email or attachment in Mail on iPhone

In the Mail app 📧, print an email or an attachment.

Print an email

In the email, tap ↩️, then tap Print.

Print an attachment or picture

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

Maps

View maps on iPhone

In the Maps app 🗺️, you can find your location on a map and zoom in and out to see the detail you need.

To find your location, iPhone must be connected to the internet, and Location Services must be on. (See Control the location information you share on iPhone.) Cellular data rates may apply. (See View or change cellular settings on iPhone.)

WARNING: For important information about navigation and avoiding distractions that could lead to dangerous situations, see Important safety information for iPhone.

Show your current location

Tap ◁.

Your position is marked in the middle of the map. The top of the map is north. To show your heading instead of north at the top, tap ◁. To resume showing north, tap 👤 or 🧭.

Choose between road, transit, and satellite views

Tap ⓘ, choose Map, Transit, or Satellite, then tap ✕.

If transit information is unavailable, tap View Routing Apps to use an app for public or other modes of transportation.

Move, zoom, and rotate a map

- *Move around in a map:* Drag the map.

- *Zoom in or out:* Double-tap and hold your finger to the screen, then drag up to zoom in or drag down to zoom out. Or, pinch open or closed on the map.

  The scale appears in the upper left while you're zooming. To change the unit of distance, go to Settings ⚙ > Maps, then select In Miles or In Kilometers.

- *Rotate the map:* Touch and hold the map with two fingers, then rotate your fingers.

  To show north at the top of the screen after you rotate the map, tap 🧭.

View a 3D map

- *On a 2D road or transit map:* Drag two fingers up.

- *On a 2D satellite map:* Tap 3D near the upper right.

While viewing a 3D map, you can do the following:

- *Adjust the angle:* Drag two fingers up or down.

- *See buildings and other small features in 3D:* Zoom in.

- *Return to a 2D map:* Tap 2D near the upper right.

Allow Maps to use your precise location

To figure out where you are and provide accurate directions to your destinations, Maps works best when Precise Location is turned on.

To turn on Precise Location, do the following:

1. Go to Settings ⚙ > Privacy > Location Services.

2. Tap Maps, then turn on Precise Location.

See Control the location information you share on iPhone.

Find and save destinations

Search for places in Maps on iPhone

You can use the Maps app 🗺️ to search for addresses, landmarks, services, and more.

If you install apps that have map extensions, you may be able to do things like make a reservation at a restaurant and order a ridesharing vehicle to take you there. Visit the App Store to find apps that work with Maps.

Search for a place

🎙️ **Ask Siri.** Say something like: "Show me the Golden Gate Bridge." Learn how to ask Siri.

Or you can tap the search field, then begin typing.
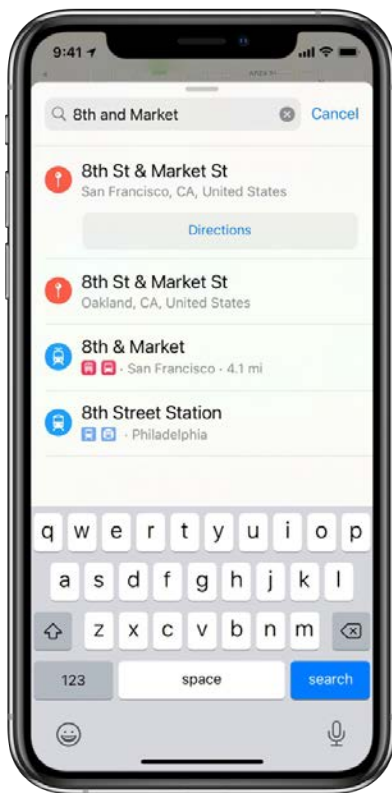
You can search in different ways. For example:

- Intersection ("8th and Market")

- Area ("Greenwich Village")

- Landmark ("Guggenheim")

- Zip code ("60622")

- Business ("movies," "restaurants San Francisco CA," "Apple Inc New York")

To see all results, swipe up on the search card. To get directions to a result, tap it.

Note: If you see an information card instead of the search field, tap ✕ in the top right of the information card.

Quickly find or delete recent searches

To see a list of recently viewed search results, swipe up from the top of the search card, then scroll to the bottom of the card.

To delete an item from the list, swipe the item left. Or tap See All directly above the list, then do one of the following:

- *Delete a group:* Tap Clear above the group.

- *Delete a single item:* Swipe the item left.

See also Delete significant locations on iPhone.

Find nearby attractions and services in Maps on iPhone

You can use the Maps app 🗺️ to find nearby attractions, services, and more.

Find a nearby service

🎙️ **Ask Siri.** Say something like: "Find a gas station" or "Find coffee near me." Learn how to ask Siri.

Or you can tap the search field, tap a category such as Groceries or Hotels, then do any of the following:

- *See all results for the category:* Swipe up on the information card.

- *Change the search area:* Drag the map to another area or zoom in or out, then tap Search Here at the bottom of the information card.

- *See more information about a result:* Tap the item on the information card.
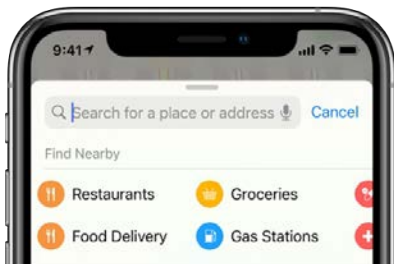
Note: Nearby suggestions aren't available in all countries or regions. See the [iOS and iPadOS Feature Availability website](#).

Find your way around an airport or shopping mall

1. Do one of the following:

   - *When you're at the airport or mall:* Open Maps, tap ◁, then tap Look Inside—or zoom in, then tap the Browse button at the bottom of the information card.

   - *Before you get there:* Search for the airport or mall in Maps, or drag the map to show it. Zoom in, then tap the Browse button.

2. To find nearby services, tap a category (like Food, Restrooms, or Gates) on the information card, then swipe up to see all results, listed alphabetically.

   To see more information about a result, tap it.

3. To see a map of a different floor, tap the button showing the floor level (zoom in if you don't see the button).

Change the floor level.
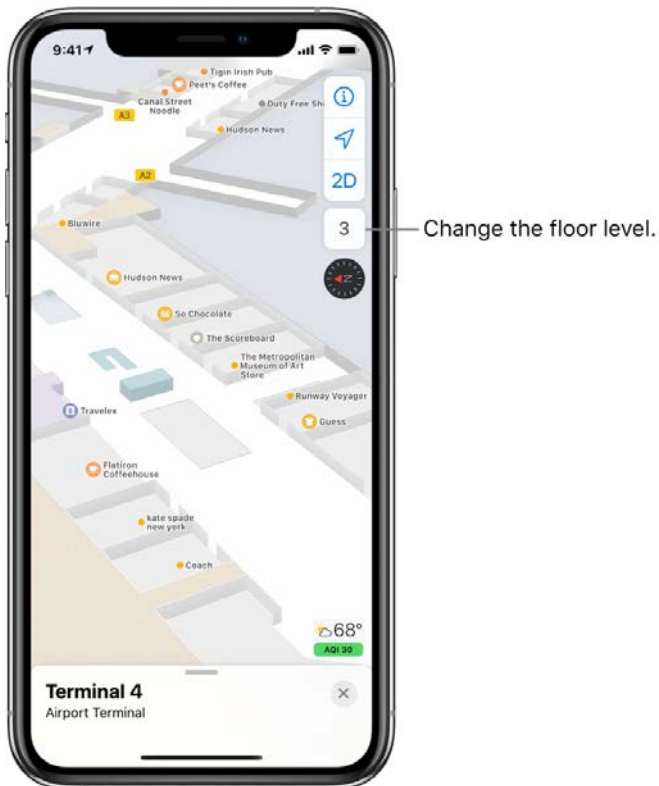
Note: Indoor maps are available for select airports and shopping malls. See the [iOS and iPadOS Feature Availability website](#).

Get information about places in Maps on iPhone

You can find street addresses and other information about places that appear in the Maps app 🗺️.

See information about a place

Tap the place (for example, a landmark on a map, a spot that you marked with a pin, or a search result), then do any of the following:

- *Get a route to the location:* Tap Directions.

- *View more information:* Swipe up on the information card.

  The information might include the street address, a phone number, a webpage link, business hours, and customer reviews.

- *Close the information card:* Tap ✕.
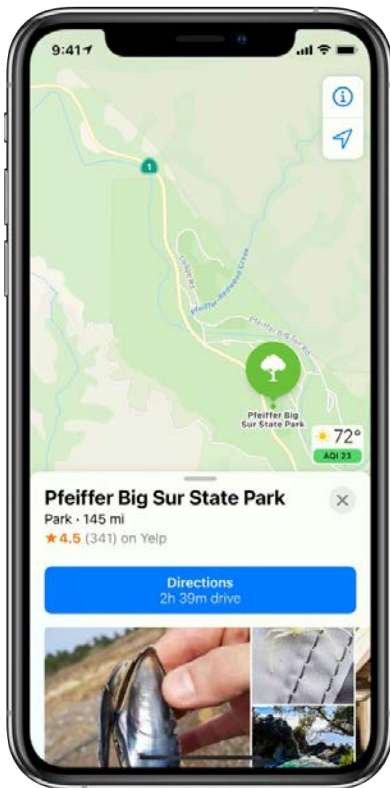
Save information about a place

Tap a location on a map or an item in a list of search results, then do any of the following:

- *Add the place to a guide:* Tap "Save to."

  Scroll part way down the information card if you don't see "Save to."

- *Add the place to your favorites:* Scroll to the bottom of the information card, then tap Add to Favorites.

- *Add the place to Contacts:* Scroll to the bottom of the information card, then tap Create New Contact or Add to Existing Contact.

See Save favorite places in Maps on iPhone and Organize places in My Guides in Maps on iPhone.

Mark places in Maps on iPhone

You can mark places in the Maps app 🗺 with pins to help you find those places later.

💡 **Tip:** To quickly mark your location so you can find your way back later, touch and hold the Maps icon on the Home Screen, then choose Mark My Location. See Perform quick actions on iPhone.

Mark an unlabeled location on the map

1. Touch and hold the map until a pin marker appears.

2. To help you find the location later, you can save it to your favorites, to a guide, or to Contacts. Swipe up on the information card, then choose an option.

3. To close the information card, tap ✕.

Delete a pin marker

1. Tap the marker.

2. On the information card, tap Remove Marker.

You can also touch and hold the marker, then tap Remove Marker.

Share places in Maps on iPhone

In the Maps app 🗺, you can share places with others. For example, you can send a message or email to show people where to meet you.

1. Tap a place on the map.

2. Tap ⬆ on the information card, then choose an option.

You can also touch and hold the place, then tap Share Location.

💡 **Tip:** To quickly share your current location, touch and hold Maps on the Home Screen, then tap Send My Location. See Perform quick actions from the Home Screen and App Library.

Save favorite places in Maps on iPhone

In the Maps app 🗺️, you can save places—such as your home, your work, and where you go for coffee —to your favorites list. You can quickly find your favorites on the search card.
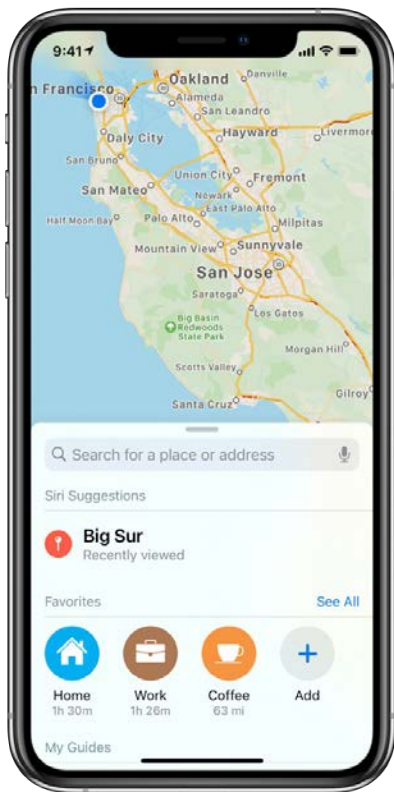
Add a place to your favorites

1. Swipe up from the top of the search card to show Favorites.

2. Tap ➕ on the right side of the row.

   If you don't see ➕, swipe the Favorites row left.

3. Do one of the following:

   - Choose a suggestion below the search field.

   - Enter a place or address in the search field, then choose a search result.

4. To rename the favorite, tap the title, then enter a new name.

5. Tap Done.

You can also tap a location on a map or choose an item in a list of search results, then tap Add to Favorites (at the bottom of the information card).

Add a transit stop to your favorites

1. Get transit directions, then tap a transit stop or station.

2. Scroll to the bottom of the information card, tap Add to Favorites, then tap ✕.

Quickly find your favorites

Swipe up from the top of the search card to see several favorites.

To see more, swipe the row of favorites left or tap See All above the row.

Edit a favorite

1. Swipe up from the top of the search card to show Favorites, then tap See All above the row of favorites.

2. Tap ⓘ next to the favorite.

3. Depending on the location, you may be able to make the following changes:

   - *Rename the favorite:* Tap the title, then enter a new name.

   - *Change the address:* Tap the address, then tap Open Contact Card.

   - *Change the label:* Tap a label type.

   - *Delete the location from your favorites list:* Tap Remove Favorite.

   - *Tell someone your ETA:* Tap Add Person, then choose one or more suggested contacts, or search for a contact. Whenever you start turn-by-turn navigation to this location, the person automatically receives a notification about your estimated time of arrival (ETA). See Share your ETA.

4. Tap Done.

Delete a place from your favorites

Swipe up from the top of the search card to show Favorites, tap See All above the row of favorites, then swipe the item left.

Explore new places with Guides in Maps on iPhone

Guides from trusted brands and partners are available in the Maps app 🗺️ to help you discover great places around the world to eat, shop, and explore. Guides are automatically updated when new places are added, so you always have the latest recommendations.

1. To open one of the Guides, tap the search field, then do any of the following:

   - Tap a cover that appears below Editors' Picks.

   - Tap See All, select an option at the top of the All Guides card, then tap a cover.

   - Swipe down, choose a publisher, then tap a cover.

2. Do any of the following:

   - *Save it:* Tap ⬇️.

     It's saved in your collection of My Guides. See Organize places in My Guides in Maps on iPhone.

   - *Share it:* Tap ⬆️.

   - *Add one of its destinations to My Guides:* Tap ➕, then select one of your guides.

   - *Return to the search field:* Tap ❌.
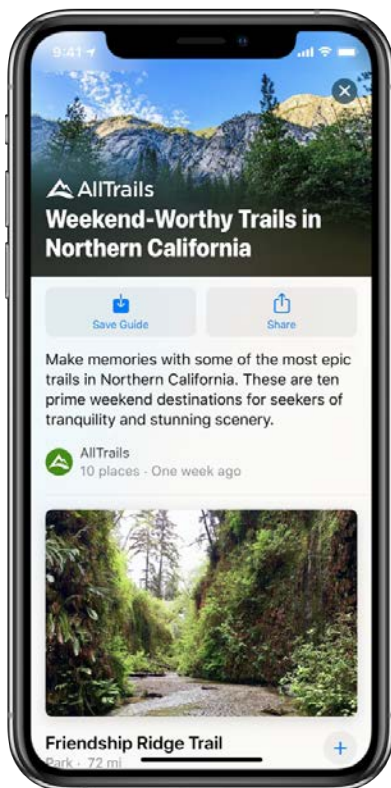
Note: Guides are available for select cities including San Francisco, New York, London, and Los Angeles, with many more cities coming. See the iOS and iPadOS Feature Availability website.

Organize places in My Guides in Maps on iPhone

In the Maps app 🗺️, you can organize places into your own guides for easy reference. For example, you can add destinations for an upcoming vacation into a guide named *Summer Road Trip*. You can quickly get to your guides from the search card, below Favorites, and you can share your guides with others.

Create a guide

Swipe up from the top of the search card, then do one of the following:

- Tap New Guide, enter a name, then tap Create.

- When the New Guide button no longer appears, tap See All for the list of My Guides, tap ➕ at the bottom of the list, enter a name, tap Create, then tap ✕.

Add a place to My Guides

1. Tap a location on a map or an item in a list of search results.

2. Tap "Save to," then choose one of your guides.

You can also add Editors' Picks and more to My Guides. See Explore new places with Guides in Maps on iPhone.

Share a guide

1. Swipe up from the top of the search card to show My Guides, then choose a guide.

   If you don't see My Guides, continue swiping up.

2. Swipe up on the guide card, tap ⬆, then choose an option.

Edit a guide

1. Swipe up from the top of the search card to show My Guides, then choose a guide.

   If you don't see My Guides, continue swiping up.

2. Swipe up on the guide card, then tap Edit at the bottom of the screen.

3. Do any of the following:

   - *Select your own cover image:* Tap 📷, then choose a photo from your library.

   - *Rename the guide:* Tap the title.

   - *Delete a place from the guide:* Tap the place, then tap Delete at the bottom of the screen.

   - *Add a place to another guide:* Tap the place, then tap Add To at the bottom of the screen.

   - *Change the sort order:* Tap Date Added, Name, or Distance, then choose an option.

4. Tap ✕.

Get traffic and weather info in Maps on iPhone

In the Maps app 🗺, you can view traffic conditions and find out about the weather.

Find out about traffic conditions

1. From map or satellite view, tap ⓘ.

   If you're in transit view, tap ⓘ, then choose Map or Satellite.

2. Turn on Traffic, then tap ✕.

   Orange indicates slowdowns, and red indicates stop-and-go traffic.

3. To see an incident report, tap an incident marker (not available in all countries or regions).

   Incident markers show information such as lane closures ⚠, road closures ⛔, road construction ◈, accidents ◈, and more.

Note: Traffic information is not available in all countries or regions. See the iOS and iPadOS Feature Availability website.

Find out about the weather

Zoom in on a map until the weather icon appears in the lower-right corner; the icon shows the current conditions for that area. In some regions, the air quality index also appears in the lower-right corner.

To see the hourly forecast, touch and hold the weather icon. Tap the hourly forecast to see a multiday forecast in the Weather app.

If you don't want to see the weather information or the air quality index in Maps, go to Settings 🔘 > Maps, then turn off Weather Conditions or Air Quality Index.

Delete significant locations on iPhone

The Maps app 🗺️ keeps track of the places you recently visited, as well as when and how often you visited them. Maps uses this information to provide you with personalized services like predictive traffic routing. You can delete this information.

Note: Significant locations are end-to-end encrypted and cannot be read by Apple.

1. Go to Settings 🔘 > Privacy > Location Services > System Services, then tap Significant Locations.

2. Do one of the following:

    -   *Delete a single location:* Tap the location, tap Edit, then tap 🔴.

    -   *Delete all locations:* Tap Clear History. This action clears all your significant locations on any devices that are signed in with the same Apple ID.

Take tours

Look around streets in Maps on iPhone

You can view cities in the Maps app 🗺️ in an interactive 3D experience that lets you pan 360 degrees and move through the streets.

1. In select cities, tap 🔭 on a map or information card.

2. To change the view, do any of the following:

- *Pan:* Drag a finger left or right.

- *Move forward:* Tap the scene.

- *Zoom in or out:* Pinch open or closed.

- *View another point of interest:* Tap elsewhere on the map.

- *Switch to or from full-screen view:* Tap ⬃ or ⬂.

- *Hide labels in full-screen view:* Tap the information card at the bottom of the screen, then tap 👁️‍🗨️.

3. When finished, tap Done.

Note: Look Around is available in select cities. See the [iOS and iPadOS Feature Availability website](#).

Take Flyover tours in Maps on iPhone

In the Maps app 🗺️, you can fly over many of the world's major landmarks and cities. Flyover landmarks are identified by the Flyover button on their information cards. Flyover cities are indicated by ③ⓓ next to their names in map view.

View a city or landmark from above

1. Tap the name of a city (in map or satellite view) or the name of a landmark.

   If you don't see 🄳 markers for cities, zoom out, or if you're using transit view, tap ⓘ, then choose Map or Satellite.

2. Tap Flyover on the information card.

View a city or landmark from above.

3. Do any of the following:

   - *Change viewing direction:* Point or tilt iPhone in the direction you want to view.

   - *Move around:* Drag a finger in any direction. To rotate perspective, touch and hold the screen with one finger, then continue holding it in place while you drag another finger around it.

   - *Watch an aerial 3D tour:* Tap Start Tour or Start City Tour in the card at the bottom of the screen. (If you don't see the card, tap anywhere on the screen.)

4. To return to the map, tap ✕ (tap anywhere on the screen if you don't see ✕).

Note: For a list of sites with Flyover, see the iOS and iPadOS Feature Availability website.

Get directions

Use Siri, Maps, and the Maps widget to get directions on iPhone

You can get travel directions in the Maps 🗺️ app in several ways.

Ask Siri for directions

🎙️ **Ask Siri.** Say something like:

- "Get directions to the nearest coffee shop"

- "Find a charging station"

- "Give me directions home"

[Learn how to ask Siri](#)

💡 **Tip:** To use "home" or "work" when searching in Maps or asking Siri, add your home and work addresses to your My Info card in Contacts. See [Add your contact info on iPhone](#).

Tap for directions in Maps

1. Do one of the following:

    *   Tap a destination (for example, a landmark on a map, a spot that you marked with a pin, or a search result in Maps).

    *   Touch and hold any spot on the map.

2. Tap Directions on the information card.
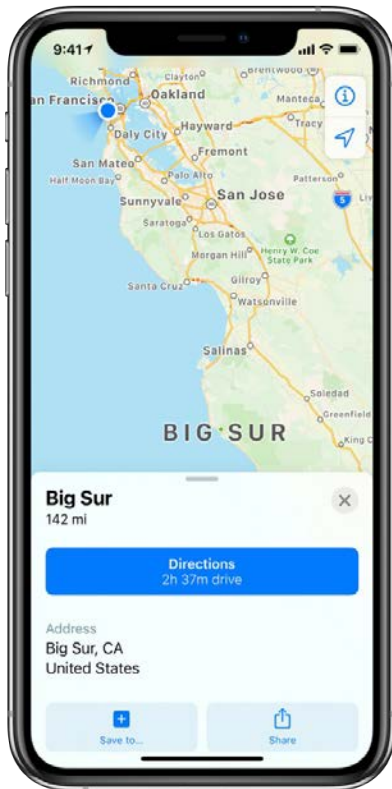
Use the Maps widget

To quickly get directions to a likely destination and track your ETA during navigation from the Home Screen, use the Maps widget.
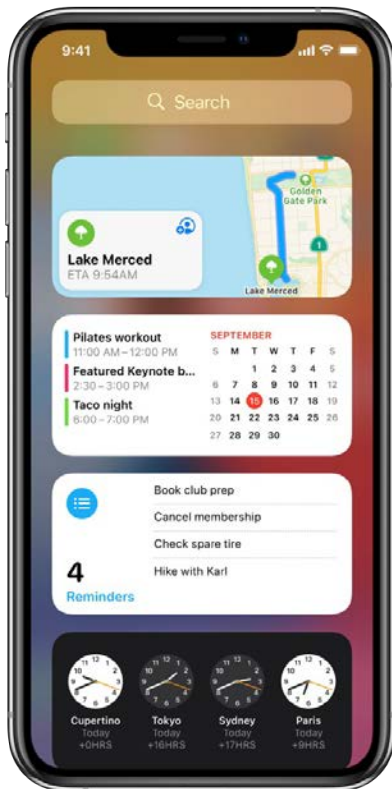
See Add widgets to the iPhone Home Screen.

Note: To get directions, iPhone must be connected to the internet. Cellular data rates may apply. (See View or change cellular settings on iPhone.) To get directions involving your current location, Location Services must be on. (See Control the location information you share on iPhone.)

Choose your preferred type of travel in Maps on iPhone

You can choose the default mode of transportation for getting directions in the Maps app 🗺️.

1. Go to Settings ⚙️ > Maps.

2. Tap Driving, Walking, Transit, or Cycling (below Preferred Type of Travel).

Set up electric vehicle routing in Maps on iPhone

The Maps app 🗺️ can help you plan trips that include stops for charging your electric vehicle.

Note: Electric vehicle routing requires a compatible vehicle.

Install your vehicle's app on your iPhone

1. In the App Store, search for the manufacturer of your vehicle.

2. Download the app that supports EV routing for your vehicle.

3. Open the app, then follow its setup instructions.

See Get apps in the App Store on iPhone.

Connect Maps to your vehicle's EV routing app

1. In Maps, tap ⓘ.

2. Tap My Vehicles.

3. Tap Connect Your Electric Vehicles.

4. Choose your vehicle, then follow the onscreen instructions.

When you get driving directions, Maps can track your vehicle's charge. By analyzing elevation changes along the route and other factors, Maps identifies appropriate charging stations along the way. If you drive until your charge gets too low, Maps offers to route you to the nearest charging station. Maps knows what type of charger works for your vehicle and routes you to compatible stations.

Choose a different vehicle when you get directions

If you drive multiple vehicles, you can change which vehicle Maps provides routing instructions for.

1. Get driving directions.

2. Before you tap Go, swipe the route card up.

3. Choose another electric vehicle, or if you're driving a vehicle that doesn't have an EV routing app on your iPhone, tap Different Car.

Get driving directions from your current location in Maps on iPhone

In the Maps app 🗺️, you can get detailed driving directions to your destination.

Get directions for driving

🎙️ **Ask Siri.** Say something like: "Give me driving directions home." If multiple routes appear, tap Go for the route you want. Or wait a moment and let Siri select a route for you. Learn how to ask Siri.

Or without asking Siri, you can do the following:

1. Tap your destination, such as a landmark on a map, or touch and hold any spot on the map.

2. Tap Directions, tap 🚗, then tap Go for the route you want.

   Note: Before you tap Go, you can select other route options. For example, you can choose to avoid tolls or highways.

As you travel along your route, Maps speaks turn-by-turn directions to your destination. You can turn off voice directions or change the volume.

To end the directions at any time, tap End, or say something like "Hey Siri, stop navigating."
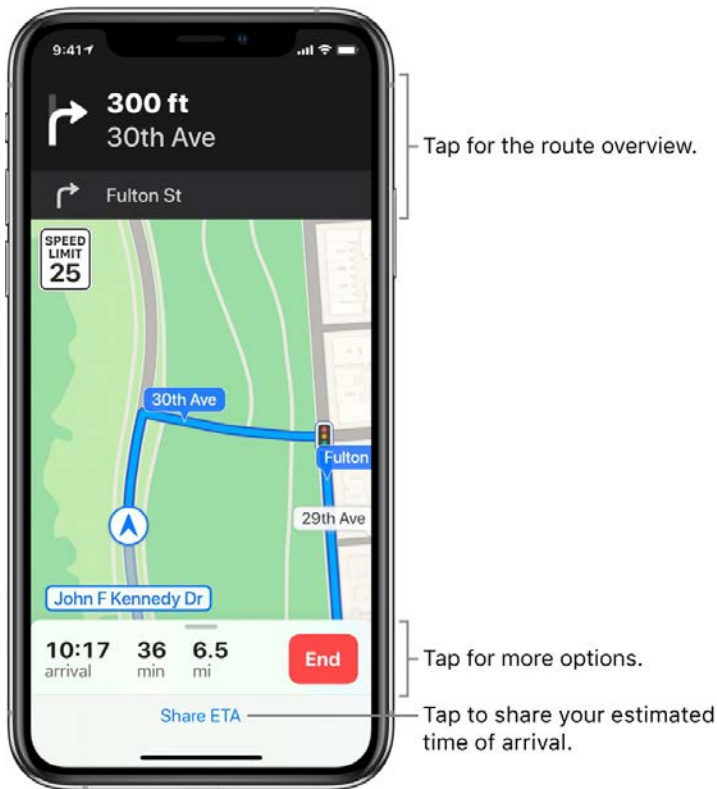
When Do Not Disturb While Driving is turned on, or if iPhone auto-locks, Maps stays onscreen and continues to announce directions. Even if you open another app, Maps continues to give you turn-by-turn directions. (To return to Maps from another app, tap the banner across the top of the screen.)

Note: Instead of viewing turn-by-turn directions, you can see an overview map of your route or the entire list of driving directions. See See an overview of your route or its directions in a list in Maps on iPhone.

Share your ETA

As you follow turn-by-turn driving directions, you can let others know your estimated time of arrival (ETA).

🎤 **Ask Siri.** Say something like: "Share my ETA." Learn how to ask Siri.

Or without asking Siri, you can do the following:

1. With turn-by-turn directions showing, tap the route card at the bottom of the screen, then tap Share ETA.

2. Choose one or more suggested contacts, or tap Contacts to find a contact.

3. You can do the following during your trip:

- *Stop sending ETA information:* Tap Sharing ETA at the bottom of the screen, then choose a contact.

- *Replace the Sharing ETA card with the route card:* Tap ✕ on the Sharing ETA card.

People using devices with iOS 13.1, iPadOS 13.1, or later receive a Maps notification with your ETA, and they can track your progress in Maps. People using devices with earlier versions receive the notification through iMessage. People using other mobile devices receive an SMS message.

Note: Standard carrier data and text rates may apply.

To disable Share ETA, go to Settings ⊚ > Maps > Navigation & Guidance, then turn off Share ETA.

Show or hide the compass or the speed limit

Go to Settings ⊚ > Maps, tap Driving (below Directions), then turn Compass or Speed Limit on or off.

Note: Turn-by-turn voice navigation is not available in all countries or regions. See the iOS and iPadOS Feature Availability website.

Find your parked car using Maps on iPhone

In the Maps app 🗺️, you can get directions to your car. When you disconnect iPhone from your car's Bluetooth or CarPlay system and exit your vehicle, Maps drops a parked car marker so you can easily find the way back to your car.

Find where you left your car

Tap the search field, then choose Parked Car from the suggestions list.

Turn parking location off

Go to Settings ⊚ > Maps, then turn off Show Parked Location.

Get cycling directions from your current location in Maps on iPhone

In the Maps app 🗺️, you can get detailed cycling directions. Maps offers routes on bike paths, bike lanes, and bike-friendly roads (when available). You can preview the elevation for your ride, check how busy a road is, and choose a route that best avoids hills.

As you travel along your route, Maps speaks cycling-specific directions for turns and maneuvers. With a handlebar mount for iPhone, you can glance at the directions on the iPhone screen. Or with Apple Watch, you can glance at them on your wrist. (Handlebar mount and Apple Watch are available separately.)

Note: Cycling directions are available in select areas, including the San Francisco Bay Area, Los Angeles, New York City, and multiple cities in China. Features vary by country and region. See the iOS and iPadOS Feature Availability website.

1. Do one of the following:

   - Say something like "Hey Siri, give me cycling directions home." Learn how to ask Siri.

   - Tap your destination (such as a landmark on a map), tap Directions, then tap 🚲.

   - Touch and hold any spot on the map, tap Directions, then tap 🚲.

2. Tap Go for the route you want.

   Note: Before you tap Go, you can select other route options. For example, you can choose to avoid hills or busy roads.
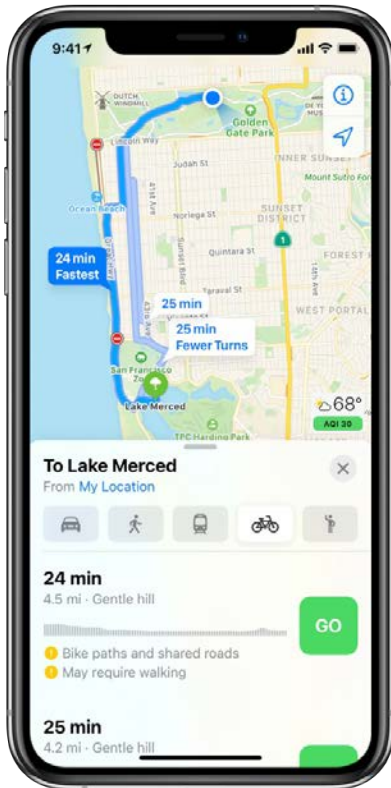
You can turn off voice directions or change the volume.

To end directions at any time, tap End, or say something like "Hey Siri, stop navigating."

Note: Instead of viewing turn-by-turn directions, you can see an overview map of your route or all of its directions in a list.

Find places to stop in Maps on iPhone

You can get directions to food, services, and more while following your driving or cycling route in the Maps app 🗺️.

1. With turn-by-turn directions showing, tap the route card at the bottom of the screen.

2. Tap one of the nearby suggestions (such as Charging Stations or Breakfast), then tap Go.

3. To get directions again to your original destination, tap Resume Route at the top of the screen.

Get walking directions from your current location in Maps on iPhone

In the Maps app 🗺️, you can get detailed walking directions to your destination.

1. To hear turn-by-turn directions, place an earphone connected to your iPhone into your ear.

   If you use AirPods Pro, you can turn on transparency mode to hear sounds around you even while wearing both earphones. (AirPods Pro are available separately.)

2. Do one of the following:

   - Say something like "Hey Siri, give me walking directions home." Learn how to ask Siri.

   - Tap your destination (such as a landmark on a map), tap Directions, then tap 🚶.

   - Touch and hold any spot on the map, tap Directions, then tap 🚶.

3. Tap Go for the route you want.

   Note: Before you tap Go, you can select other route options. For example, you can get transit directions or use a ridesharing app to get a ride.

4. To see upcoming directions, swipe left on the banner at the top of the screen.

To end the directions at any time, tap End, or say something like "Hey Siri, stop navigating."
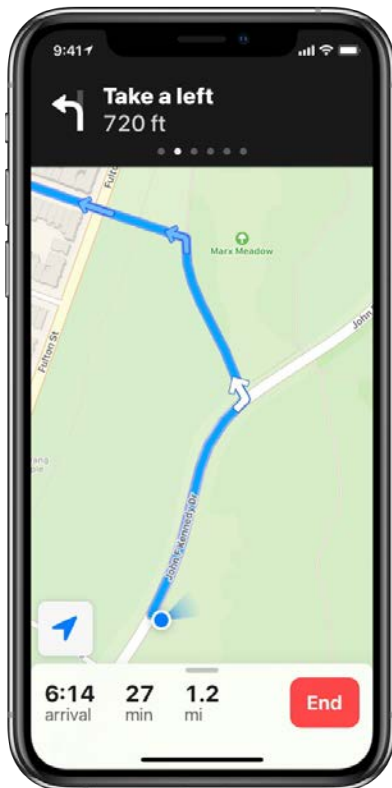
Note: Instead of viewing turn-by-turn directions, you can see an overview map of your route or all of its directions in a list.

To improve the accuracy of your position and heading while walking, iPhone uses the camera and motion sensors (supported models), which may increase battery usage. To turn this feature off, go to Settings ⚙️ > Maps > Walking (below Directions), then turn off Optical Heading. The data from your camera and motion sensors isn't stored.

Get transit directions from your current location in Maps on iPhone

In the Maps app 🗺️, you can get detailed transit directions to your destination.

1. Do one of the following:

   - Say something like "Hey Siri, give me transit directions to Twin Lakes Beach." Learn how to ask Siri.

   - Tap your destination (such as a landmark on a map), tap Directions, then tap 🚇.

   - Touch and hold any spot on the map, tap Directions, then tap 🚇.

2. To choose a transit time or date, tap Leaving Soon (near the top of the route card), then select a time or date for departure or arrival.

3. To select which transit vehicles you prefer, tap the route card, scroll to the bottom, then choose an option.

4. Tap Go for the route you want.

   Note: Before you tap Go, you can select other route options. For example, you can get walking directions or use a ridesharing app to get a ride.
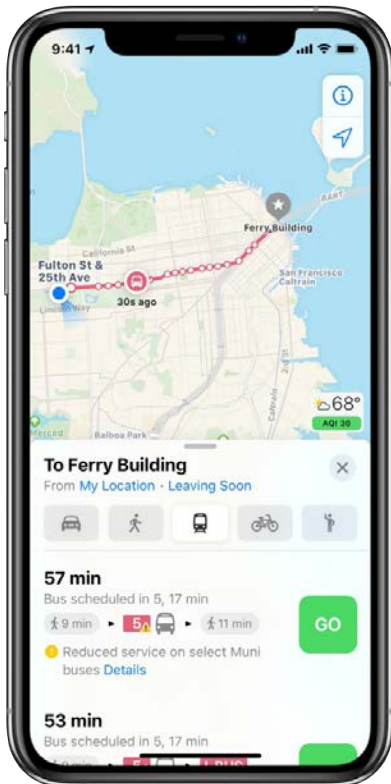
Do any of the following during your trip:

- *See upcoming directions:* Swipe left on the banner at the top of the screen.

- *View and share the directions in a list:* Tap the route card at the bottom of the screen, then tap Details. To share the list of directions, scroll to the bottom of the route card, then tap Share.

- *See the route overview:* Tap the route card at the bottom of the screen, then tap Overview. To see more detail, tap the route card, then tap Zoom In.

- *Add a stop to Favorites:* See Add a transit stop to your favorites.

- *End directions at any time:* Tap End, or say something like "Hey Siri, stop navigating."

Note: In select cities, Maps provides public transportation information, which includes walking directions to a bus stop or train station. See the iOS and iPadOS Feature Availability website. If transit route information is unavailable, tap View Routing Apps to use an app for other modes of transportation.

See an overview of your route or its directions in a list in Maps on iPhone

You can see an overview map of your route or a list of its detailed directions in the Maps app 🗺️.

See an overview of your driving or cycling route

With turn-by-turn driving or cycling directions showing, tap the banner at the top of the screen, then do either of the following:

- *Switch between showing north or your destination at the top of the screen.* Tap the map, then tap 🧭.

- *Return to turn-by-turn directions:* Tap the turn direction in the upper-left corner of the screen.
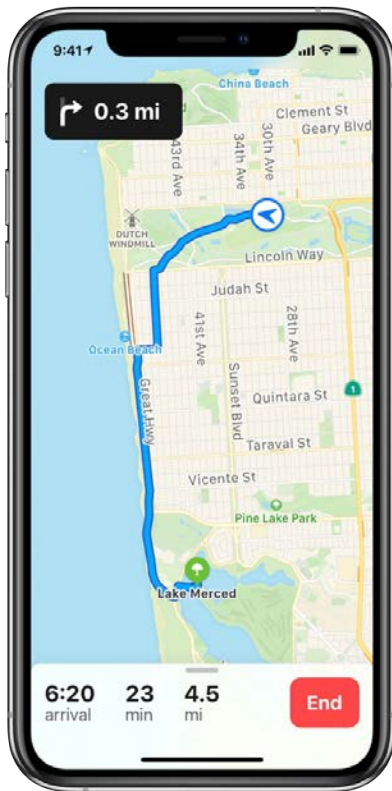
See an overview of your walking or transit route

Tap the route card at the bottom of the screen, then tap Overview.

To return to turn-by-turn directions, tap the route card, then tap "Turn-by-turn" (for a walking route) or Zoom In (for a transit route).

See all directions in a list

Tap the route card at the bottom of the screen, then tap Details.

To view the map again, tap Done.
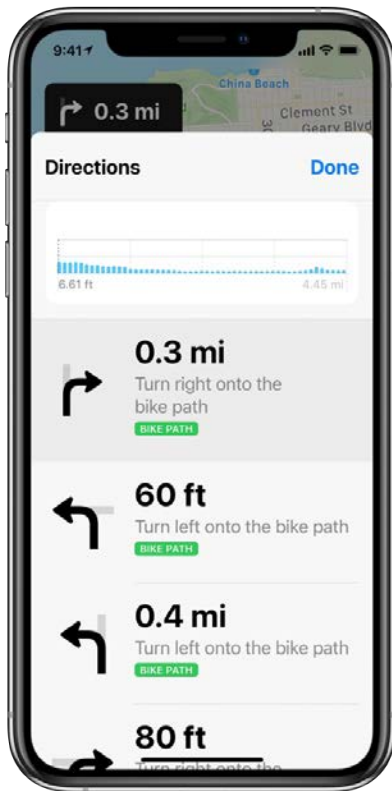
Change audio settings for turn-by-turn directions in Maps on iPhone

For driving, walking, and cycling routes, you can turn off the voice for spoken directions or change its volume in the Maps app 🗺. You can also change whether to automatically pause spoken audio, like podcasts and audio books, when directions are spoken.

Turn off voice directions or change the volume

Go to Settings ⚙ > Maps > Navigation & Guidance, then choose an option (below Navigation Voice Volume).

Change whether to pause spoken audio for voice directions

Go to Settings ⚙ > Maps > Navigation & Guidance, then turn Pause Spoken Audio on or off.

Select other route options in Maps on iPhone

With a route showing in the Maps app 🗺, you can select various options before you tap Go.

- *Choose an alternate route:* If alternate routes appear, you can tap one on the map to take it (or tap Go next to its description in the route card).

  For example, you might be able to choose an alternate driving route that avoids tolls or restrictions or a cycling route that avoids hills.
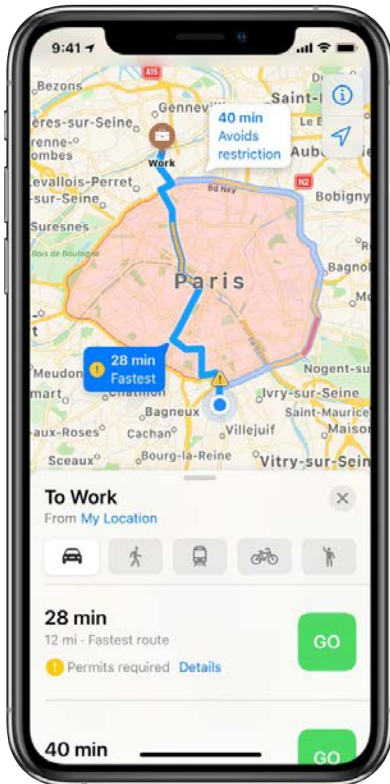
- *Switch to a driving, walking, cycling, or transit route:* Tap 🚗, 🚶, 🚲, or 🚆.

- *Get a ride:* Tap 🧍 to request a ride with a ridesharing app (not available in all countries or regions).

- *Choose a different vehicle for EV (electric vehicle) routing instructions:* Choose another electric vehicle, or if you're driving a vehicle that doesn't have an EV routing app on your iPhone, tap Different Car.

- *Avoid tolls or highways:* With a driving route showing, tap the route card, scroll to the bottom of the route card, then turn on an option.

- *Avoid hills or busy roads:* With a cycling route showing, swipe the route card up, scroll to the bottom of the list, then turn on an option.
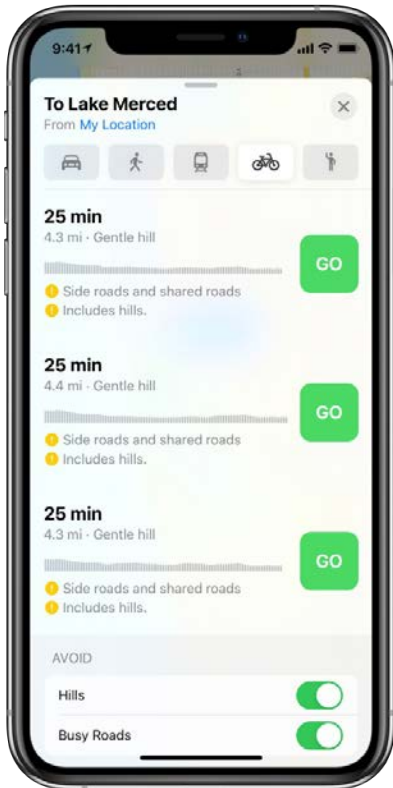
- *Reverse the starting point and destination:* Tap My Location (near the top of the route card), then tap ⇅.

- *Choose a different starting point or destination:* Tap My Location, tap either the From or To field, then enter a different location.

Get directions between any two locations in Maps on iPhone

You can get directions and estimated travel times between locations other than your current location in the Maps app 🗺️.

1. Do one of the following:

   - Tap your destination (such as a landmark on a map), then tap Directions.

   - Touch and hold any spot on the map, then tap Directions.

2. To choose your mode of travel, tap a button, such as 🚗 or 🚶.

3. To reverse the starting point and destination, tap My Location (near the top of the route card), tap ⇅, then tap Route.

4. To choose a different starting point or destination, tap My Location, tap either the From or To field, enter a different location, then tap Route.

5. Tap Go for the route you want.

6. Do any of the following:

   - *See upcoming directions:* Swipe left on the banner at the top of the screen.

   - *View and share the directions in a list:* Tap the route card at the bottom of the screen, then tap Details. To share the list of directions, scroll to the bottom of the route card, then tap Share.

   - *See the route overview:* Tap the route card, then tap Overview. To see more detail again, tap the route card, then tap Zoom In.

7. When you're finished, tap End, or say something like "Hey Siri, Stop navigating."

Delete recently viewed directions in Maps on iPhone

You can delete directions that you recently viewed in the Maps app 🗺️.

Swipe up from the top of the search card to see Recently Viewed, then swipe a recent route left. Or tap See All directly above the list, then do one of the following:

- *Delete a group of routes:* Tap Clear above the group.

- *Delete a single route:* Swipe the route left.

See also Delete significant locations on iPhone.

Use Maps on your Mac to get directions for iPhone

You can get directions on a Mac (OS X 10.9 or later) and send them to your iPhone. You must be signed in with the same Apple ID on both your Mac and your iPhone.

Note: Maps on your Mac doesn't support EV routing.

1. In Maps on your Mac, find a route for your trip.

2. Choose File > Share > Send to [*your device*].

You can also use Handoff to send directions from iPhone to Mac. See Hand off tasks between iPhone and your Mac.

Book rides in Maps on iPhone

In the Maps app 🗺️, you can request a ride with a ridesharing app (not available in all countries or regions). If you don't have one installed, Maps shows you apps that are available from the App Store.

Ask Siri. Say something like: "Get me a ride home." Learn how to ask Siri.

Or you can find your destination, tap Directions, then tap 🧍 (at the bottom right).

Help improve Maps on iPhone

To report a missing location, an incorrect label, or other issue in the Maps app 🗺️, tap ⓘ in the upper-right corner of the map, then tap Report an Issue.

Measure

Measure dimensions with iPhone

Use the Measure app ⬛ and your iPhone camera to measure nearby objects. iPhone automatically detects the dimensions of rectangular objects, or you can manually set the start and end points of a measurement.

For best results, use Measure on well-defined objects located 0.5 to 3 meters (2 to 10 feet) from iPhone.

Note: Measurements are approximate.

Start a measurement

1. Open Measure ▣, then use the iPhone camera to slowly scan nearby objects.

2. Position iPhone so that the object you want to measure appears on the screen.

Note: For your privacy, when you use Measure to take measurements, a green dot appears at the top of the screen to indicate your camera is in use.

Take an automatic rectangle measurement

1. When iPhone detects the edges of the rectangular object, a yellow box frames the object; tap the yellow box to see the dimensions.

2. To take a photo of your measurement, tap ◯.

Take a manual measurement

1. Align the dot at the center of the screen with the point where you want to start measuring, then tap ⊕.

2. Slowly pan iPhone to the end point, then tap ⊕ to see the measured length.

3. To take a photo of your measurement, tap ◯.

4. Take another measurement, or tap Clear to start over.

Use edge guides

On iPhone 12 Pro and iPhone 12 Pro Max, you can easily and precisely measure the height and straight edges of furniture, countertops, and other objects using guide lines that appear automatically.

1. Position the dot at the center of the screen along the straight edge of an object until a guide appears.

2. Tap ⊕ where you want to begin measuring.

3. Slowly pan along the guide, then tap ⊕ at the endpoint to see the measured length.

4. To take a photo of your measurement, tap ◯.

Use Ruler view

On iPhone 12 Pro and iPhone 12 Pro Max, you can see more detail in your measurements with ruler view.

1. After measuring the distance between two points, move iPhone closer to the measurement line until it transforms into a ruler, showing incremental inches and feet.

2. To take a photo of your measurement, tap ⬭.

View and save measurements on iPhone

In the Measure app ▦ on iPhone 12 Pro and iPhone 12 Pro Max, you can save a list of all the measurements you take in a single session, complete with screenshots, so you can easily share and access them whenever you need them.

1. Tap ▤ to see a list of your recent measurements.

   Swipe up from the top of the list to see more measurements.

2. To save the measurements, tap Copy, open another app (for example, Notes), tap in a document, then tap Paste.

Measure a person's height with iPhone

On iPhone 12 Pro and iPhone 12 Pro Max, you can use the Measure app ▦ to instantly measure a person's height from the floor to the top of their head, hair, or hat.

1. Position iPhone so that the person you want to measure appears on the screen from head to toe.

   A line appears at the top of the person's head (or hair, or hat), with the height measurement showing just below the line.

2. To take a photo of your measurement, tap ⬭.

3. To save the photo, tap the screenshot in the lower-left corner, tap Done, then choose Save to Photos or Save to Files.

Use iPhone as a level

Use your iPhone to determine whether an object near you is level, straight, or flat (measurements are approximate).
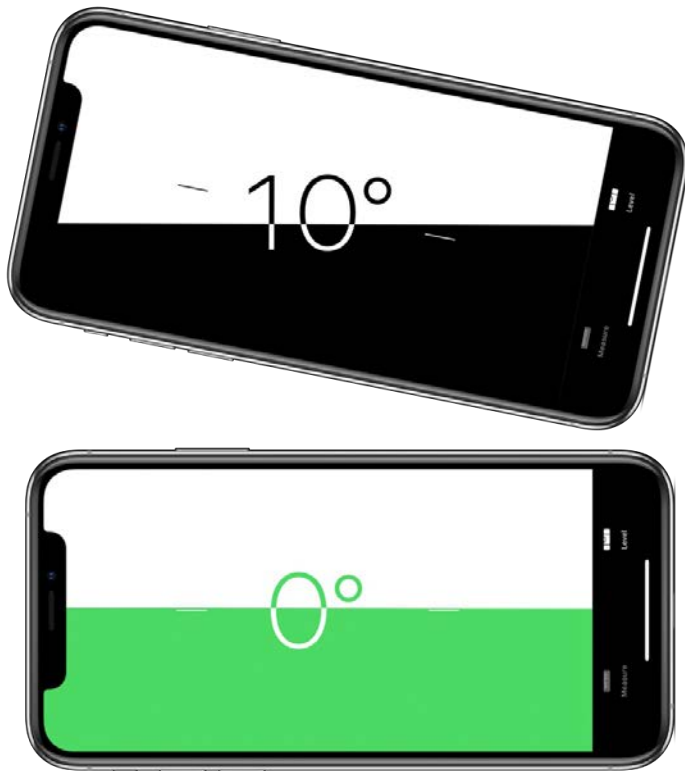
1. Open Measure.

2. Tap Level, then hold iPhone against an object, such as a picture frame.

   - *Make an object level:* Rotate the object and iPhone until you see green.

   - *Match the slope:* Tap the screen to capture the slope of the first object. Hold iPhone against another object and rotate them until the screen turns green.

     To reset the level, tap the screen again.

Messages

Set up Messages on iPhone

In the Messages app 🟢, you can send text messages as SMS/MMS messages through your cellular service, or with iMessage over Wi-Fi or cellular service to people who use iPhone, iPad, iPod touch, or a Mac. Texts you send and receive using iMessage don't count against your SMS/MMS allowances in your cellular messaging plan, but cellular data rates may apply.

iMessage texts can include photos, videos, and other info. You can see when other people are typing, and send read receipts to let them know when you've read their messages. For security, messages sent using iMessage are encrypted before they're sent.

iMessage texts appear in blue bubbles, and SMS/MMS texts appear in green bubbles. See the Apple Support article About iMessage and SMS/MMS.

Sign in to iMessage

1. Go to Settings ⚙ > Messages.

2. Turn on iMessage.

Sign in to iMessage on your Mac and other Apple devices using the same Apple ID

If you sign in to iMessage with the same Apple ID on all your devices, all the messages that you send and receive on iPhone also appear on your other Apple devices. Send a message from whichever device is closest to you, or use Handoff to start a conversation on one device and continue it on another.

1. On your iPhone, iPad, or iPod touch, go to Settings ⚙ > Messages, then turn on iMessage.

2. On your Mac, open Messages, then do one of the following:

   - If you're signing in for the first time, enter your Apple ID and password, then click Sign In.

   - If you signed in before and want to use a different Apple ID, choose Messages > Preferences, click iMessage, then click Sign Out.

With Continuity, all the SMS/MMS messages you send and receive on iPhone also appear on your other iOS devices and your Mac. See the Apple Support article Use Continuity to connect your Mac, iPhone, iPad, iPod touch, and Apple Watch.

Use Messages in iCloud

Go to Settings ⚙ > [your name] > iCloud, then turn on Messages (if it's not already turned on).

Every message you send and receive on your iPhone is saved in iCloud. And, when you sign in with the same Apple ID on a new device that also has Messages in iCloud turned on, all your conversations show up there automatically.

Because your messages and any attachments are stored in iCloud, you may have more free space on your iPhone when you need it. Message bubbles, whole conversations, and attachments you delete from iPhone are also deleted from your other Apple devices (iOS 11.4, iPadOS 13, macOS 10.13.5, or later) where Messages in iCloud is turned on.

See the Apple Support article Keep all your messages in iCloud.

Note: Messages in iCloud uses iCloud storage. See Manage Apple ID and iCloud settings on iPhone for information about iCloud storage.

Send and receive text messages on iPhone

Use the Messages app ⬜ to send and receive texts, photos, videos, and audio messages. You can also personalize your messages with animated effects, Memoji stickers, iMessage apps, and more.

View contact info and conversation details.
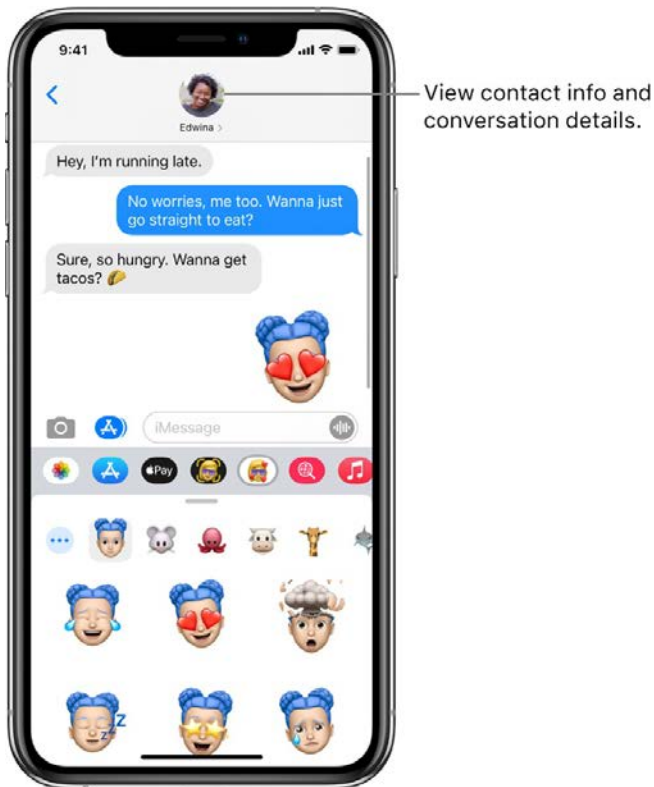
WARNING: For important information about avoiding distractions while driving, see Important safety information for iPhone.

Send a message

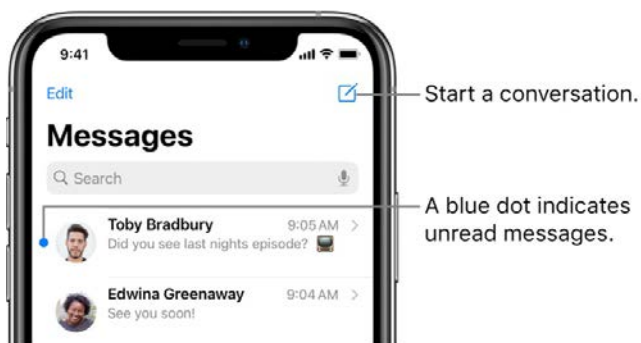You can send a text message to one or more people.

1. Tap ✏️ at the top of the screen to start a new message, or tap an existing message.

Start a conversation.
A blue dot indicates unread messages.

2. Enter the phone number, contact name, or Apple ID of each recipient. Or, tap ⊕, then choose contacts.

   - On models with Dual SIM, to send an SMS/MMS message from a different line, tap the line shown, then choose the other line. See also Manage your cellular plans.

3. Tap the text field, type your message, then tap ⬆️ to send.

   - An alert ⓘ appears if a message can't be sent. Tap the alert to try sending the message again.

💡 **Tip:** To see what time a message was sent or received, drag the message bubble to the left.

To view conversation details, tap the name or phone number at the top of the screen, then tap ⓘ. You can tap the contact to edit the contact card, share your location, view attachments, leave a group conversation, and more.

To return to the Messages list from a conversation, tap ‹ or swipe from the left edge.

Reply to a message

🎤 **Ask Siri.** Say something like:

- "Send a message to Eliza saying how about tomorrow"

- "Read my last message from Bob"

- "Reply that's great news"

Learn how to ask Siri

💡 **Tip:** When you wear AirPods Pro, AirPods (2nd generation), or other supported headphones, Siri can read your incoming messages, and you can speak a reply for Siri to send (iOS 13.2 or later). See Listen and respond to messages.

Or do the following:

1. In the Messages list, tap the conversation that you want to reply to.

   To search for contacts and content in conversations, pull down the Messages list and enter what you're looking for in the search field. Or, choose from the suggested contacts, links, photos, and more.

2. Tap the text field, then type your message.

   💡 **Tip:** To replace text with emoji, tap 😊 or 🌐, then tap each highlighted word.

3. Tap ⬆️ to send your message.

You can quickly reply to a message with a Tapback expression (for example, a thumbs up or a heart). Double-tap the message bubble that you want to respond to, then select a Tapback.

Share your name and photo

In Messages, you can share your name and photo when you start or respond to a new message. Your photo can be a Memoji, or custom image. When you open Messages for the first time, follow the instructions on your iPhone to choose your name and photo.

To change your name, photo, or sharing options, open Messages, tap •••, tap Edit Name and Photo, then do any of the following:

- *Change your profile image*: Tap Edit, then choose an option.

- *Change your name*: Tap the text fields where your name appears.

- *Turn sharing on or off*: Tap the button next to Name and Photo Sharing (green indicates that it's on).

- *Change who can see your profile*: Tap an option below Share Automatically (Name and Photo Sharing must be turned on).

Your Messages name and photo can also be used for your Apple ID and My Card in Contacts.

Pin a conversation

You can pin specific conversations to the top of the Messages list so the people you contact most always come first in the list.

Do any of the following:

- Swipe right on a conversation, then tap 📌.

- Touch and hold a conversation, then drag it to the top of the list.