



[g.co/pixel/support](https://g.co/pixel/support)

# Set up your Pixel phone

You can move what's on your current phone to your Pixel phone, or set up your Pixel phone as a new device.

You can automatically transfer data from most phones using Android 5.0 and up or iOS 8.0 and up. (Learn how to check your [Android](#) or [iOS](#) version, and [what can limit iPhone copying](#).)

You can manually transfer data from most phones using most systems.

## Option 1: Transfer data from your current phone

To move data to your phone, follow the on-screen steps the first time you turn on your phone.

If you skip transferring data or don't finish setup the first time:

Within a few minutes, you'll get a "Pixel setup isn't done" notification. Tap Finish setup.

For a few days, open your Settings app. At the top, tap Finish setup.

After a while, you can always reset your phone. But that erases all your data. [Learn how to reset to factory settings](#).

### Before you start

1. If you don't have a nano SIM card, get one from your mobile carrier. [Learn how to get a SIM card](#).  
Tip: Depending on the phone and mobile carrier, some Pixel phones can use eSIM. For details, check with your carrier.
2. Find a cable that works with your current phone, like its charging cable.

## Option 2: Skip transferring data

If your Pixel phone is your first phone or you want a fresh start, turn it on and tap Start > Set up as new. You'll skip transferring data and start personalizing your new phone.

# Transfer data from a phone to a Pixel

You can copy data, like texts, photos, music, contacts, calendars, and apps. [Learn how to switch from an Android to a Pixel phone with our step-by-step tutorial](#).

Important: If your data storage is full based on your device's capacity, data transfer could pause. Be sure to check your storage capacity before you start data transfer.

## Items you can copy to your Pixel

### What copies during setup

Your important data will transfer over to Pixel.

Switching to Pixel doesn't mean starting over. You can easily transfer what you need from your current phone during setup, including the following:

- Apps and app data (for apps available in Google Play)
- Music, photos, and videos
- Google Accounts
- Contacts stored on your phone or a SIM card
- Text messages (SMS and MMS)
- Multimedia in text messages
- Wi-Fi credentials
- Most phone settings (varies by phone and Android version)
- Wallpaper
- Call history
- Alarms
- Passwords from Google Password Manager (if you use the same Google Account)
- Your subscription services such as Spotify or Fitbit (just sign into the service on your Pixel)

You'll see these when you sign in to your Google Account on your Pixel phone:

- Email
- Contacts
- Calendar events
- Any other information associated with your Google Account

After initial setup, here's what else you can transfer over:

- Non-Google accounts and their data, including contacts and calendar events.
- LINE contacts and full history of chat conversations (if backed up). [Learn how to back up your chat history.](#)
- WhatsApp chat history.

Important: Some third-party apps and data may not be transferred automatically. For more information, visit [g.co/pixel/copydatahelp](https://g.co/pixel/copydatahelp).

### What won't copy during setup

- Downloads, like PDF files
- Photos, videos, and music stored in hidden or locked folders

Apps that aren't from the Google Play Store  
Data from apps that don't use Android backup  
Accounts other than Google Accounts and their data  
Contacts and calendars synced to services other than Google  
Ringtones  
Certain phone settings (varies by phone and Android version)

[Learn how to transfer some of this data after setup.](#)

## Charge your Pixel phone

All Pixel phones can charge with USB-C cables. For best results, use the power adapter that comes with some phones, like Pixel 5a (5G). If your phone isn't charging right, [learn how to fix a phone that doesn't charge](#).

Use Battery Share to wirelessly charge Qi-certified phones or accessories, like Pixel Buds, or your Pixel 5–7 Pro, excluding 6a and 7a. Set your accessory or other phone on the back of your phone to charge.

Over time, your Pixel phone's battery may decline in performance due to usage patterns, temperature, and age. To help preserve battery life, some Pixel phones may automatically adjust their charging to manage device and battery temperatures. In some cases, this could result in slower charging speed.

Tip: To charge wirelessly with Battery Share, your phone needs to have a high enough battery level. To check your battery level, open your phone's Settings app. Tap Battery > Battery Share. Make sure your phone is in a spot where it won't get too hot. [Learn how to keep your Pixel phone cool](#).

## How to charge your phone

1. Plug either end of the USB-C cable into the port on the bottom of your phone.
2. Plug the other end of the cable into the power adapter that came with your phone.
3. Plug your power adapter into a power outlet.

## How to use Adaptive Charging (Pixel 4 & later)

When you charge your phone for a long time or overnight, Adaptive Charging may turn on to charge to 100% one hour before you unplug. The Adaptive Charging feature prolongs your battery life. The feature works on the following phones:

Pixel 4: Turns on when you charge your phone between 9 PM and 4 AM with an active alarm set for 3-10 AM. [Learn how to set an alarm](#).

Pixel 4a & later, including Fold: The Adaptive Charging feature learns from your charging habits. If a long charging session is predicted, it may still turn on aside from the above mentioned conditions.

Tip: The feature needs about 14 days to learn your charging habits. If your charging habits vary, like when you travel, Adaptive Charging may not turn on.

To turn off Adaptive Charging:

1. Open your phone's Settings app.
2. Tap Battery > Adaptive Charging.
3. Turn off Use Adaptive Charging.

Tip: When Adaptive Charging is turned on, a notification is displayed and relays the time your battery will be fully charged.

## Charging tips

### How to charge quickly

Use a wall outlet as a power source. Other power sources, like laptops, can charge more slowly.

You can use your phone while charging. To charge faster, don't use it while charging.

### Hear when your phone is charging

1. Make sure your phone's ring sound is turned on. [Learn how to change your phone volume.](#)
2. Open your phone's Settings app.
3. Tap Sound > Advanced.
4. Turn on Charging sounds.
5. When you plug in your phone, you'll hear a sound.

Note: If your phone is muted or on vibrate, you won't hear a sound.

### Which power adapters and cables to use

Pixel phones use USB-C with USB 2.0 power adapters and cables.

To charge your phone with a USB-A power adapter, use a USB-C to USB-A cable. This charges your phone more slowly than USB-C.

We recommend you use the Google 30 W USB-C power adapter or any Programmable Power Supply (PPS) power adapter rated for 30 W or more. You could also use other USB Power Delivery (PD) adapters rated for 15 W or more.

Other Android cables and power adapters might not work with Pixel phones.

Pixel 4a (5G), Pixel 4a, Pixel 3a, Pixel 2, and Pixel (2016) phones can't charge wirelessly.

## Check that your charging accessory works with your phone

If your phone turns on but you get a “Check charging accessory” notification, it's possible that your cable or connected USB power adapter may not be supported by your phone or is damaged. This results in your phone charging very slowly or not at all. To fix the problem, try charging with a different cable and a PPS adapter rated for 30 W or more, or a PD adapter rated for 15 W or more.

## Technical notes

If you want to remove the battery, we recommend that you take it to an [authorized repair service provider](#). We don't recommend that you remove it yourself.

The power adapter varies by country or region.

## Still have issues with your Pixel phone?

To talk to a support agent about a phone that won't charge, turn on, start, or stay on, [learn how to contact us](#).

For possible solutions to other issues with your phone's camera, you can post questions on our forums [to the Pixel community](#).

# Turn your Pixel phone on & off


You can turn your phone on and off with the top button on the right side. [See where your Power button is located on your phone](#).

## Turn your power on or off

To turn on your phone when it's powered off, press and hold the Power button for a few seconds.

On Pixel 6 & later, press and hold the Power button until you feel a buzz (up to 7 seconds in some situations).

To power off your phone when it's turned on:

On Pixel 6 & later, to power off your phone, press and hold the Power and volume up buttons for a few seconds. Then, on your screen, tap Power off .

Tip: Before you turn on your phone, charge it. [Learn how to charge](#).

## Turn your screen off and back on

To turn your screen on and off while your phone's turned on, press the Power button once.

Tip: On some Pixel phones, you can see the time and some other info even when your screen is off. Learn which Pixel phones and [how to turn "Always show time & info" off or on](#).

## Restart (reboot)

1. Restart your phone.

On Pixel 6 and later, including Fold: Press and hold the Power button + Volume up button for a few seconds.

2. Tap Restart  .

## Get a SIM & add it to your Pixel phone

You can connect your phone to a mobile network with an active nano SIM card or eSIM. Without one, you'll see a "No SIM card" message. [Learn how to insert your SIM card with our step-by-step tutorial.](#)

Important: Some of these steps work only on Android 11 and up. [Learn how to check your Android version.](#)

Important: Some older SIM cards aren't supported on Pixel 8 and later phones. If you insert an unsupported SIM, you get a message reading "This SIM is no longer supported. Contact your carrier to get a new SIM."

## Get a SIM

All Pixel phones can use nano SIM cards. Some Pixel phones can also use eSIM.

If you buy a Pixel phone on [the Google Store](#):

In the US, you can pick no SIM card or a pre-inserted Verizon SIM card. If Verizon is your mobile carrier, [activate your SIM card on their site.](#)

In other countries, your phone doesn't come with a SIM card.

### Use a nano SIM card

To get a nano SIM card, contact your mobile service provider. If you're asked for your phone's IMEI number, [learn where to find your IMEI number.](#)

You can move your current phone's nano SIM card to your phone instead of getting a new one.

### Use eSIM

Some phones can use eSIM, depending on the phone and mobile carrier. For details, check with your carrier.

Pixel 4 and later: All phones work with eSIM.

Pixel 3a: Phones bought with Verizon service or in Japan don't work with eSIM.

Pixel 3: Phones bought with service from any US or Canadian carriers other than Sprint and Google Fi don't work with eSIM. Phones bought in Australia, Taiwan, and Japan also don't work with eSIM.

Pixel 2: Only phones bought with Google Fi service work with eSIM.

Pixel (2016): No phones work with eSIM.

## Insert a SIM card

With your phone off:

1. Into the small hole on the phone's left edge, insert the SIM ejection tool.  
Tip: On Pixel 3 (2018), the SIM card slot is on the phone's bottom edge.
2. Firmly but gently push until the tray pops out.
3. Remove the tray and put the nano SIM card in the tray.
4. Gently push the tray back into its slot.

You may need to restart your phone to get mobile service. To restart a phone that's

on, press the power button for about 3 seconds. Then tap Restart



## Connect to Wi-Fi networks on your Pixel phone


To use Wi-Fi the way you want, you can change how and when your device connects.

When you have Wi-Fi turned on, your device automatically connects to nearby Wi-Fi networks you've connected to before. You can also set your device to automatically turn on Wi-Fi near saved networks.

Important: Some of these steps work only on Android 11 and up. [Learn how to check your Android version.](#)

### Turn on & connect



1. Open your device's Settings app.
2. Tap Network & internet > Internet.
3. Turn Wi-Fi on.
4. Tap a listed network. If it needs a password, you'll see the Lock . After you connect: "Connected" shows under the network name. The network is "Saved." When your device is near and Wi-Fi is on, your device automatically connects.

Tip: You can also swipe down on your screen to get to Wi-Fi settings. [Learn how to change common settings.](#)

### Connect via notification

When Wi-Fi is on, you get notifications of available, high-quality, public networks. On these notifications:

To connect to the network, tap Connect.


To change Wi-Fi settings, tap All Networks.

To not get notifications for that network, clear the notification. [Learn how to control notifications.](#)

Tip: You can also connect to these networks without notifications. [Learn how to connect automatically to open networks.](#)

### Compare networks' strength

#### Strength

1. Open your phone's Settings app.
2. Tap Network & internet > Internet.
3. Make sure that Wi-Fi is on.
4. You'll find the network's signal strength on the Wi-Fi icon . A fuller icon means a stronger signal.

#### Speed

1. Open your phone's Settings app.
2. Tap Network & internet > Internet.
3. Make sure that Wi-Fi is on.
4. You'll find the connection speed under a public network's name. Speed can change with signal strength.

Slow: You can send and receive emails and texts. Images appear slowly.

OK: You can read webpages, use social media, and stream music and standard-definition (SD) videos.

Fast: You can stream most high-definition (HD) videos and make video calls.

Very Fast: You can stream very high-quality videos.

### Automatically turn on near saved networks

1. Open your phone's Settings app.
2. Tap Network & internet > Internet > Network preferences.
3. Turn on Turn on Wi-Fi automatically. If needed, first turn on Location > Location services.
4. Turn on Wi-Fi scanning and Bluetooth scanning.

Tip: Wi-Fi won't turn on automatically when:

- Location is off
- Battery saver is on
- Airplane mode is on
- Tethering ("hotspot") is on
- Background Wi-Fi scanning is off

## Connect to mobile networks on a Pixel phone

You can adjust how your phone uses data by changing your mobile network settings.

Depending on your carrier and service plan, your phone may connect automatically to your carrier's fastest available data network. Or you may need to add a SIM or pick settings for a specific carrier.

Pixel 4a (5G) and later phones work with 5G service. Learn about [5G on your Pixel phone with our step-by-step tutorial](#). Learn about [5G on your Pixel Fold with our step-by-step tutorial](#).

Important: Some of these steps work only on Android 11 and up. [Learn how to check your Android version](#).

### Change mobile network settings

1. Open your phone's Settings app.
2. Tap Network & internet > SIMs.
3. Tap a setting.

Tip: To reset all your network settings, in your phone's Settings app, tap System > Reset options > Reset Mobile Network Settings.

### Available mobile network settings

The following options vary by phone and Android version:

- Mobile data: Turn mobile data on or off.

Roaming: Let your phone send data over other carriers' networks when you leave an area covered by your carrier's networks.

App data usage: [Learn how to check app usage of your mobile data.](#)

Data warning & limit: [Learn how to reduce mobile data use.](#)

Preferred network type: Pick your preferred network type from options, like 5G and LTE.

[Learn more about 5G on Pixel phones.](#)

Network: Pick your network operator from available networks.

Access point names: Help your carrier find the right IP address for your phone and connect your phone securely.

### [Multiple SIMs & mobile network settings](#)

If your phone has more than one SIM, to change each SIM's mobile network information, use the tabs at the top of "Mobile network settings."

[Learn more about Dual SIM Dual Standby \(DSDS\) on Pixel phones.](#)

### **Set default SIM for data, calls, and text messages**

1. Open your Settings app.
2. Tap Network & internet > SIMs > your network.
3. For each network, set your preferences:
  - Data: Turn on Mobile data.
  - Important: Only one SIM can be the default for data. If you already have one set up, you'll get a notification.
  - Calls: Tap Call Preference. Then pick your default carriers, or tap Ask me every time.
  - Texts: Tap SMS Preference. Then pick your default carriers, or tap Ask me every time.

### **Use a different SIM during calls**

Calls: If you're on a call, you can't get a call through the other SIM at the same time. Calls to the other SIM will go to voicemail.

Data: Most data goes through the default SIM for that use type. Exception: During a phone call, all data goes through the SIM making the call.

To use data during calls on a SIM not normally used for data:

1. Open your Settings app.
2. Tap Network & internet > SIMs.
3. Turn on Data during calls.

## Get around on your Pixel phone

Important: Some of these steps work only on Android 11 and up. Learn how to check your Android version.

## Choose how to get around

1. Open your phone's Settings app.
2. Go to System > Navigation Mode.
3. Choose an option:
  - Gesture navigation: No buttons.
  - 3-button navigation: Three buttons for Home, Back, and App Overview.


Tip: Learn how to [get around on your Pixel phone with our step-by-step tutorial](#).

## Move between screens, webpages & apps

### Go back

Open the previous screen you were looking at. You can go back more than once. But when you reach the Home screen, you can't go back any further.

Gesture navigation: Swipe from the left or right edge of the screen.

3-button navigation: Tap Back .

### Go to Home screen

Gesture navigation: Swipe up from the bottom of the screen.

3-button navigation: Tap Home .

Tip: You can have more than one Home screen. Swipe right or left to move between them. [Learn how to add, move, and remove Home screens](#).

### Find all open apps

Gesture navigation: Swipe up from the bottom, hold, then let go.

3-button navigation: Tap Overview .

From here, you can:

Close apps: Swipe up on the app image.

Open an app: Tap its image.

Take a screenshot: Tap Screenshot .

Select text (selected languages): Tap Select . Then select words on the app image and tap Copy, Share, or Search.

[See two apps at the same time](#).

## Switch between apps

Gesture navigation: At the very bottom of the screen, swipe from left to right.

3-button navigation: Tap Overview . Swipe right until you find the app you want. Tap it.

## Get to all your apps

Gesture navigation: Swipe up from the bottom edge or middle of your home screen.

3-button navigation: Swipe up from the bottom edge or middle of your home screen.

## Search your phone

Using search on your Pixel phone, you can locate content from both your Pixel device and the web.

Web: Online search results

Apps: Applications and content from apps

Contacts: Your contacts and the apps you use to connect with them

Settings: Phone settings, information, and features

Google Play Store: Apps from the Play Store

Screenshots: Thumbnails of recent screenshots from your phone

Google Assistant: Actions from the Assistant app that can be used to set up routines, send messages, and other functions

Pixel Phone Tips: Pixel-exclusive tips, tricks, and new features

1. On your phone, tap the search bar on the home screen, or swipe up to reveal a search bar.
2. Type a query, find what you are looking for and tap on the search result to open it, or keep scrolling to see more results.

## Circle to Search on your Pixel phone

Touch and hold the home button or navigation bar at the bottom of your Pixel screen.

Circle, highlight, scribble, or tap the part of an image or text you want to search.

You can use multisearch to further refine your query. Just circle, highlight, scribble, or tap an image and then type your additional query in the search bar, where “Add to your search” text appears. [Learn more about multisearch.](#)

You can get AI-powered overviews with Circle to Search based on your text or multisearch queries.

If you're in the United States:

AI-powered overviews are available by default on multisearch queries.

To enable AI-powered overviews for text queries, you need to opt in to Search Generative Experience (SGE) in Search Labs. [Learn about Generative AI-powered overviews.](#)

If you're outside the United States:

To enable AI-powered overviews for text and multisearch queries, you need to opt in to Search Generative Experience (SGE) in Search Labs. [Learn about Generative AI-powered overviews.](#)

## Move items around

### [Select or move items](#)

#### **Tap to select**

To select or start something on your phone, tap it. In some apps, you can touch and hold text to find available actions, like making a restaurant reservation or playing a song.

#### **Tap to type**

To type something, tap where you want to type. You'll find a keyboard open.

#### **Touch and hold**

Touch and hold an item on the screen. After the item responds, lift your finger.

#### **Drag**

Touch and hold an item. Without lifting your finger, move your finger on the screen. When your finger is in the right place, lift it. For example, you can move apps around your Home screen by dragging them.

#### **Swipe or slide**

Quickly move your finger across the surface of the screen without pausing. For example, you can swipe a Home screen left or right to find your other Home screens.

### [Change the size and direction of items](#)


#### **Double tap to change size**

On some pages like a webpage or map, tap twice to get closer ("zoom in").

#### **Pinch & spread to change size**

In some apps, put 2 or more fingers on the screen to change the size. To shrink, pinch your fingers together. To enlarge, spread them apart.

#### **Rotate**

As you turn your phone, most screens can rotate with it. To turn rotation on or off, swipe down from the top with 2 fingers and tap Auto-rotate .

## Change settings quickly on your Pixel phone

You can find and change your settings from any screen on your phone with Quick Settings. To get to the settings you change often, you can add or move them to Quick Settings.

Learn how to [change settings quickly on your Pixel phone with our step-by-step tutorial](#).

Important: Some of these steps work only on Android 11 and up. [Learn how to check your Android version](#).

## Open Quick Settings

1. To find your first few settings, swipe down from the top of your screen.
2. To find all your Quick Settings, swipe down again.

## Turn settings on or off

To turn a setting on or off, tap it. Dimmed settings are off.  
To get more options for a setting, touch and hold it.

## Add, remove, or move a setting

1. From the top of your screen, swipe down twice.
2. At the bottom left, tap Edit .
3. Touch and hold the setting.
4. Drag the setting to where you want it.
  - To add a setting, drag it up from "Hold and drag to add tiles."
  - To remove a setting, drag it down to "Drag here to remove."

# Make contactless payments with your Pixel phone

You can tap and pay for purchases at retailers that accept contactless payments.

Important: Some of these steps work only on Android 11 and up. [Learn how to check your Android version.](#)

## Turn on NFC (Near Field Communication)


Important: If you don't see the NFC setting, your phone doesn't have NFC. You won't be able to use contactless payments.

1. Open your phone's Settings app.
2. Tap Connected devices > Connection preferences > NFC.
3. Turn on Use NFC.

Tip: To use tap to pay on Pixel Fold or other foldable device, fold your device.

## Manage apps that use contactless payments

1. Make sure Contactless payments is turned on.
2. Open the app you want to use for Contactless payments.
3. Open your phone's Settings app.
4. Tap Connected devices > Connection preferences > NFC.
5. Tap Contactless payments > Payment default.
6. Pick your default payment app.

Tip: To show in Settings, your payment apps must work with contactless payments. Money transfer apps don't work with contactless payments. You can find payment apps on [Google Play](#) or in the Play Store app .

## Turn off contactless payments

Important: Turning off NFC also turns off other features that use NFC.

1. Open your phone's Settings app.
2. Tap Connected devices > Connection preferences > NFC.
3. Turn off Use NFC.

Tip: You can also open your payment app and turn off contactless payments. Not all payment apps support this option.