



Making connections

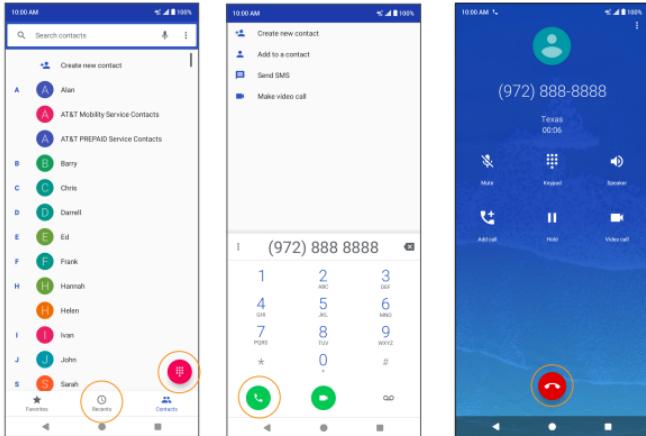
The topics in this section will explain how to help you make connections, from phone calls and maintaining contacts, to text messages, email, Internet, and international services.

Phone

Make a call

From the Home screen, tap Phone .

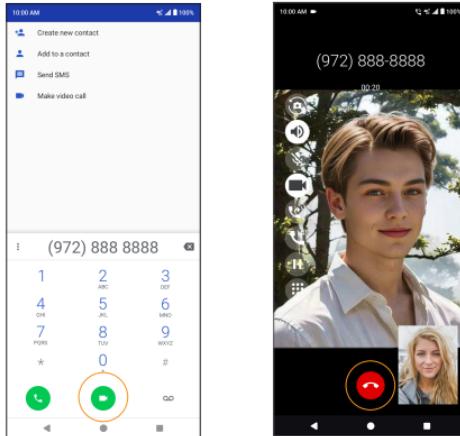
- If the keypad does not appear on the screen, tap  to open it.
- Enter a phone number in the keypad to make a call. Tap  to make a call.
- To view recent calls, tap the **Recents**  tab.
- During a call, you can tap  at the bottom of the screen to hang up.



- Calls can also be made from other apps that contain your contact information. Simply tap the phone number to make a call.

Make a Video Call

1. From the Home screen, tap **Phone** .
2. If the keypad does not appear on the screen, tap  to open it.
3. Enter a phone number in the keypad to make a call.
4. Tap  to make the Video Call.
5. During a call, you can tap  at the bottom of the screen to hang up.

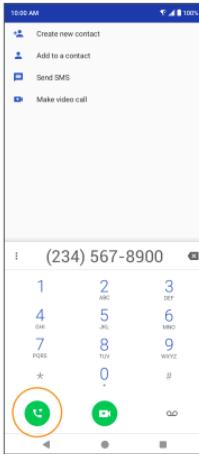


Note: You and the recipient must have a service plan that supports Video Call to send and receive Video Calls.

If the Video Call feature is turned off, you can go to call settings to enable it. From the calls screen, tap **Menu**  > **Settings** > **Calls** > **Video Call** and slide the switch to the **On**  position to enable it.

Make a call with Wi-Fi Calling

1. From the Home screen, tap **Phone** .
2. If the keypad does not appear on the screen, tap  to open it. Enter a phone number in the keypad to make a call.
3. Tap  to make the call.
4. During a call, you can tap  at the bottom of the screen to hang up.

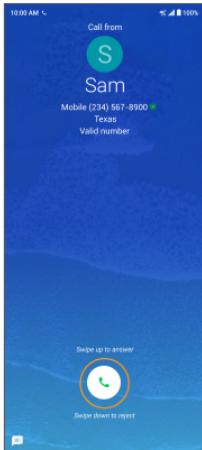


Note: You must have an active Wi-Fi connection and have Wi-Fi Calling service activated on the device before it can be used. To turn on Wi-Fi Calling, you will need to set up an emergency address to help emergency services find you if you make an emergency call (911).

For more information, see ["Wi-Fi Calling" on page 108](#).

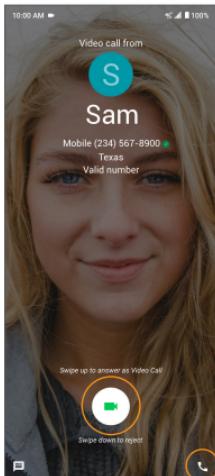
Receive a call

The Incoming Call screen is displayed when a call is received, along with the caller's number and other information you've entered for that contact. When you receive a phone call from someone who is not stored in Contacts, only the default caller ID icon and phone number appear on the Incoming Call screen.



- To answer a call, swipe  up.
- To reject a call, swipe  down.
- Press any side key to mute the ringer.
- Any missed calls are logged in **Recents** .

Receive a Video Call



- To answer a Video Call, swipe  up.
- To reject a Video Call, swipe  down.
- Press any side key to mute the ringer.
- Any missed Video Calls are logged in Call History .

You can also accept an incoming Video Call as a voice call.

- To answer as a voice call, swipe  up from the bottom right corner of the screen.

Reject a call and send a text message

You can reject an incoming call and automatically send a quick response text message to the caller.

1. When a call arrives, swipe  up from the bottom left corner of the screen. The ringtone or vibration will stop, and you will see a list of quick preset responses.



Tap one of the messages or write your own to send to the caller.

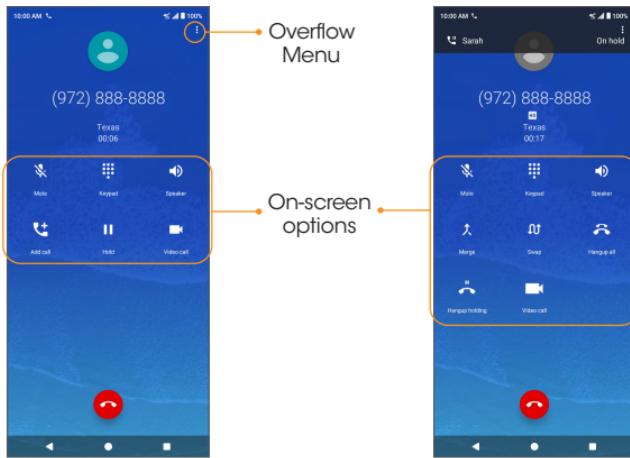
You can edit the preset quick responses from the Call Settings menu. From the Phone app, tap **Menu**  > **Settings** > **Quick responses** and edit the quick responses.

In-call screen layout and operations

While you're on a call, you will see a number of on-screen options.

In-call screen layout

Tap the on-screen options to activate them during a call.



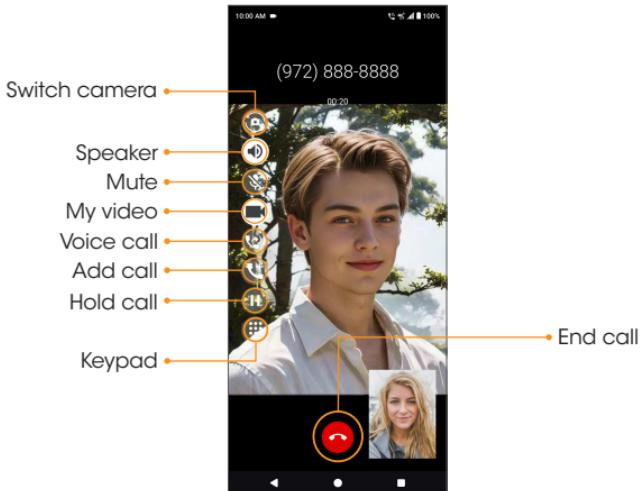
On-screen options

Item	Description
	Overflow Menu Tap and select Switch to RTT to send the caller a Real-time text during a call.
	Speaker Tap to turn the speakerphone on or off. Warning: Because of higher volume levels, do not place the phone near your ear during speakerphone use.
	Mute Mute the microphone during an active call. Tap again to unmute the microphone.
	Keypad Tap to show the on-screen keypad. Use the keypad to enter additional numbers, for example, an extension or access code.
	Hold Tap to hold the current call.
	Add call Tap to initiate a 3-way conference call.
	Video call Tap to switch to video call.
	End call End the current call.

	Merge	Join two currently active calls (conference).
	Swap	Swap the calls.
	Hang up all	Hang up all active calls.
	Hang up holding	Hang up on hold calls.

In-call Video Call screen layout

Tap the on-screen options to activate them during a call.



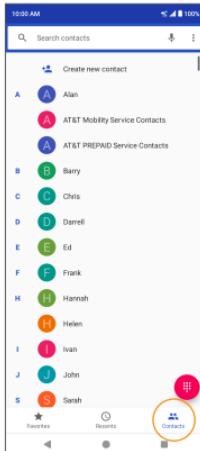
Item	Description
 Camera switch	Tap to switch between front camera and rear camera.
 Speaker	Tap to turn the speakerphone on or off.

	Mute	Mute the microphone during an active video call.
	My video	Tap to turn your video on or off.
	Voice call	Tap to switch from video call to voice call.
	Add call	Tap to add a new call.
	Hold call	Tap to hold the current video call.
	Keypad	Tap to show the on-screen keypad.
	End call	End the current video call.

Place a call from Contacts

You can place phone calls directly from your Contacts list.

1. From the Home screen, tap **Phone** .
2. Tap **Contacts**  to display the Contacts list.



3. Tap a contact.
4. Tap a contact's number to call to place a call.
5. To end the call, tap .

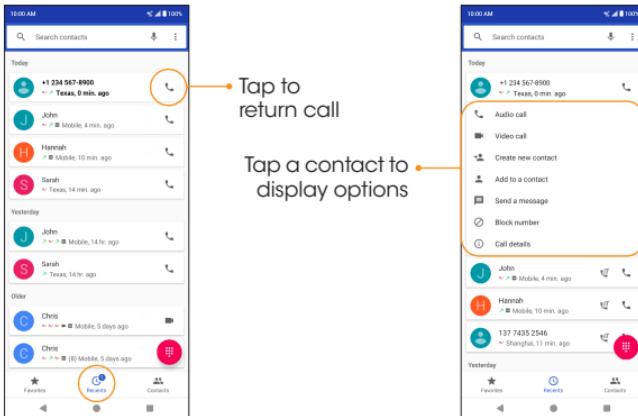
Call from Recents

The Recents list allows you to view recently received, placed, or missed calls.

1. From the Home screen, tap **Phone** .
2. Tap **Recents**  to display the Call Log.
3. Tap  to place a call.

You can tap a contact in the Call Log to display more options.

- **Audio call/Video call:** Make a audio or video call.
- **Create new contact:** Create a new contact from an unknown number.
- **Add to a contact:** Add an unknown number to an existing contact.
- **Send a message:** Send a text message to the contact/number.
- **Block number:** Block the contact/number.
- **Call details:** View detailed call information.



Call settings

Configure your voicemail options and a number of other settings for your calls.

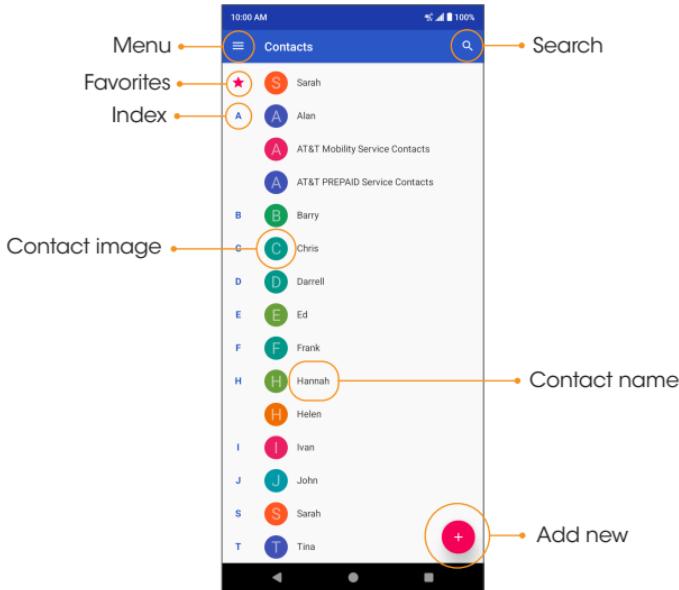
Call settings options

1. From the Home screen, tap **Phone** .
2. Tap **Menu**  > **Settings**.
3. Configure your phone settings.

Setting	Description
Display options	Choose how to sort and display your contacts.
Sounds and vibration	Adjust call and ringtone volume, change your alert tones, activate Do Not Disturb, and more.
Quick responses	Edit or create quick response text messages. See " Reject a call and send a text message " on page 55 for more information.
Calls	Set call forwarding or call barring, enable or disable Wi-Fi Calling or Video Call, and more.
Blocked numbers	Manage numbers and contacts you have blocked.
Voicemail	Set up voicemail, manage notifications, and more.
Accessibility	Configure RTT settings, enable or disable hearing aid compatibility, and enable or disable noise reduction.
About	View more information about your phone.

Contacts

From the Home screen, swipe up to access **Apps** and tap **Contacts** .



Item	Description
Add new	Add a new contact.
Search	Search contacts.
Contact	Tap to show a contact's details, place a call, send a message, and more.
Favorites	Add a contact as a favorite. You can view your favorite contacts in the Phone app.
Index	Browse contacts alphabetically.
Menu	View your contacts by labels or accounts, and adjust settings.

Add a contact

You can add contacts from the Contacts app. Enter details such as name, phone numbers, email addresses, mailing addresses, and more.

1. From the Contacts screen, tap  to add a contact.
2. If you have multiple accounts on your phone, select where you want to save the contact.
 - Select **Device** to save your contact on your phone only; they will not be synced with your Google Account.
 - Select an account, such as Google, to save the contact to that account. These will be synced automatically with your account.
 - Select your SIM card name to save the contact to your SIM card. Your contact will be available on any phone your SIM card is mounted in.

3. Use the keyboard to enter information.

Note: To select a type (label) for a phone number, email address or postal address (such as Mobile, Home, Work, etc.), tap the arrow and select the appropriate type.

4. When you are finished, tap **SAVE**.

Save a phone number

You can save a phone number to Contacts directly from the phone keypad.

1. From the Home screen, tap **Phone**  > **Keypad** .
2. Enter a phone number and tap **Create new contact** to add a new contact or tap **Add to a contact** to add the number to an existing contact.
3. To add the number to an existing contact, tap the contact you want to update and add the number to the desired field. To add a new contact, enter the name and any additional information.
4. Tap **SAVE**.

View contacts

From the Contacts screen, tap a contact to view the details.

Edit a contact

Add or edit a contact's information, assign a photo, customize with a unique ringtone, and more.

1. From the Contacts screen, tap the contact you want to edit.
2. Tap **Edit** .
3. Tap the field you want to change or add.
4. Add or edit the information, and then tap **SAVE**.

Delete a contact

You can delete a contact from the contact's details page.

1. From the Contacts screen, tap the contact you want to delete.
2. Tap **Menu**  > **Delete**.
3. Tap **DELETE**.

Share a contact

You can quickly share contacts using Bluetooth, Gmail, or text messages.

1. From the Contacts screen, tap the contact you want to share.
2. Tap **Menu**  > **Share**.
3. Select how you'd like to share the contact information card (vCard).

Messages

Send instant messages, media, and more with text and multimedia messages.

From the Home screen, tap **Messages** .

Text and multimedia messages

- With text messages (SMS), you can send and receive instant text messages.
- Multimedia messages (MMS) can contain text, photos, audio and video files, contact information cards (vCard), and more.

Note: See your service plan for applicable charges for messages.

Send a text message (SMS)

1. From the Messages screen, tap .

2. Enter a contact name or mobile number in the **To** field.

- Enter phone numbers, contact names, or email addresses directly in the **To** field. If you're sending the message to several contacts, separate the phone numbers with a comma. As you enter information, any matching phone numbers from your contacts list are displayed. Tap the matching contact to add them as a recipient.
- Scroll to find and select the contacts to whom you want to send the message. You can also create contact groups as recipients.

3. Tap the text box and compose your message.



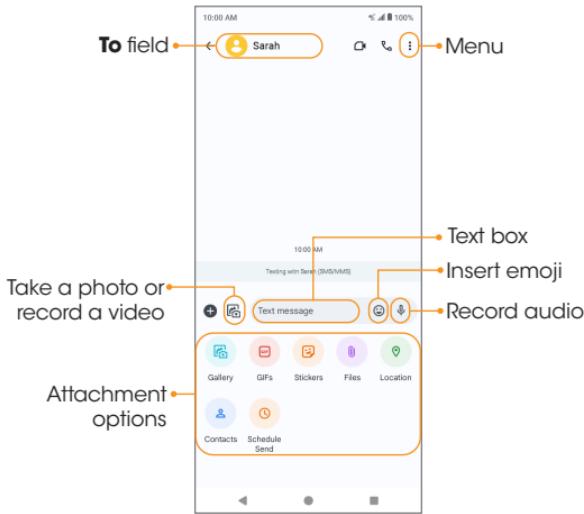
Note: Messages exceeding a limited amount of characters will be delivered as one message but may incur additional charges. A counter appears above **Send** ➤ to tell you how many characters you have entered and how many characters are left.

4. When done, tap **Send** ➤ to send the text message.

Note: Your text message automatically becomes a multimedia message if you enter an email address as the recipient, attach an item, or compose a very long message.

Send a multimedia message (MMS)

1. From the Messages screen, tap  .
2. Fill in one or more recipients.
3. Tap the text box to compose your message.
4. Tap **Add**  to the left side of the text box to attach files.



Note: Attachment options may vary.

5. After adding an attachment, you can tap to view it, and tap  to delete the attachment.

Attachment options

Icon	Description
	Insert emoji.
	Take a photo or record a video to send, or select a saved photo or video files from Photos to send.
	Take a photo or record a video to send, or select a saved photo or video files from Photos to send.
	Add GIFs.
	Add stickers.
	Select one or more files from Files to send.
	Share your location.
	Share vCards.
	Schedule your message for another time. Tap it to choose the time you want to send the message. You can choose from among several preset times or tap Pick date and time and choose the exact time you like.

6. Tap **Send** ➤ to send the MMS message.

RCS chat features

With RCS chat features, you can send and receive messages over Wi-Fi or your data network, see when friends are typing or when they have read your message, share images and videos in high quality, and more.

Note: To use RCS chat features, you and the recipients must have a service plan that supports RCS and have RCS capable devices with chat features turned on.

To enable RCS chat features on your phone, follow the steps below:

1. From the Messages screen, tap **Menu**  > **Messages Settings** > **RCS chats**.
2. Slide the **Turn on RCS chats** switch to the **On**  position to enable it.

Messages settings

From the Messages screen, tap **Menu**  > **Messages Settings**.

RCS chats

- **Turn on RCS chats:** Slide the switch to enable or disable RCS chat features.
- **Send read receipts:** Let others to know when you have read their message.
- **Show typing indicators:** Show your typing status to others.
- **Automatically resend as text (SMS/MMS):** Switch from chat if a message can't send.
- **Auto-download files you receive over mobile data:** Choose the maximum file size that can be automatically downloaded.
- **Auto-download files while roaming:** Download files automatically while roaming. Charges may apply.
- **Learn more about chat features:** Get more information about RCS chat features.

Notifications

Enable or disable notification icons when messages are received.

Bubbles

Enable or disable message bubbles by selecting **All conversations can bubble**, **Selected conversations can bubble**, or **Nothing can bubble**.

Send photos faster

Reduce photos' resolution for faster sending.

Hear outgoing message sounds

Enable or disable sounds when sending messages.

Pinch to zoom conversation text

Enable or disable pinching to zoom conversation text.

Choose theme

Choose Light, Dark, or System default theme.

Message organization

Enable or disable view messages by category, set primary category view, and enable or disable auto-delete current and future OTP (one-time-password) after 24 hours.

Your current country

Display your current country.

Suggestions

Enable or disable smart reply, suggested actions, suggested stickers, etc.

Automatic previews

Enable or disable automatic preview cards for links, places, and other content that the Messages app is able to recognize over time.

Spam protection

Enable or disable spam detection function and report to Google.

Swipe actions

Choose Archive, Delete, Mark as read or unread, to the right or left, or turn off swiping.

Advanced

- **Group messaging:** Enable or disable the ability to send MMS messages to multiple recipients in a group.
- **Auto-download MMS:** Enable or disable the ability to automatically retrieve and download incoming MMS messages.
- **Use simple characters:** Convert the text's special characters into a simple message.
- **Show iPhone reactions as emoji:** Show iPhone reactions as emoji or texts.
- **Wireless emergency alerts:** View alert messages you've received.
- **SIM card messages:** View messages saved on your SIM card.
- **Phone number:** View your phone number.
- **SMSC:** View SMSC number.

Help improve Messages

With the **Help improve Messages** turned on, federated technology works with your messages, other interactions, and machine-learning models to improve features for the Messages app and ensure that none of your message

content or data is sent to Google.

About, terms & privacy

View more information about Message's current version, privacy policy, and terms of service.

Gmail

Use Gmail to send, receive, and manage your email messages. Before using Gmail, you must sign into your Google Account on your phone. See ["Google Account" on page 36](#) for details on signing in or creating an account.

Note: You can use the Gmail app to manage email for other accounts, such as Yahoo!, Hotmail, Outlook, and more.

Create and send an email message

1. From the Home Screen, open the Google folder, tap **Gmail** .



2. From the inbox, tap  **Compose** to compose a new email message.
3. Enter the message recipient(s), subject, and message, and then tap **Send** .

Email composition options

- **Add Cc/Bcc recipients:** In the mail composition window, tap  in the **To** bar to add Cc/Bcc recipients.
- **Attach photos or videos:** In the mail composition window, tap  > **Attach file**. Tap the file you want to attach.
- **Save as a draft (Send later):** While composing your message, tap  > **Save draft** or press the **Back** button  to save as a draft.
- **Delete mail being composed:** While composing your message, tap  > **Discard**.

Note: View your drafts and sent mail from the inbox by tapping  > **Drafts** or **Sent**.

Open an email message from a notification

When a new email is received, you will see  in the Status bar.

1. Swipe the Status bar down to display the Notification panel.
2. Tap the new message from the Notification panel.

If you have two or more new email messages, tapping the notification will open the Gmail app.

Email settings

You can access settings for the Gmail app and for your individual email accounts from the Gmail Settings menu.

1. From the Gmail screen, tap  > **Settings**.
2. Tap **General settings** to access settings for all accounts, or tap an account name to configure settings for a specific email account.

Internet and social networking

The following topics describe how to connect to and use the Internet on your phone and how to access popular social networking sites such as Facebook, Meet, and more.

Chrome browser

From the Home screen, tap **Chrome**  to browse the Internet, search for information, and bookmark your favorite web pages for convenient access.

Browsing web pages

1. Tap the address field.
2. Enter a web address or a keyword to browse for web pages.

Adding a bookmark

1. Open the web page you want to bookmark.
2. Tap **Menu**  > .

Opening a bookmark

1. From the Chrome browser screen, tap **Menu**  > **Bookmarks**.
2. Select the website you want to view.

Customizing browser settings

1. From the Chrome browser screen, tap **Menu**  > **Settings**.
2. In the Settings list, you can select options to customize the browser.

Tip: For more information, visit: google.com/intl/en/chrome/browser/mobile/.

Facebook

Post updates, see what your friends are up to, upload pictures and check-ins, and more with on-the-go Facebook access.

Sign in to your Facebook account or create a new account

1. From the Home screen, swipe up to access **Apps** and tap **Facebook** .
2. Enter your mobile number or email and password and tap **Log in**, or tap **Create new account** to join Facebook.
3. Once completed, your Facebook account will be added to your phone.

Use Facebook

Once you've either created an account or signed in, you can post and view updates, upload pictures, tag locations, and more, all from your phone.

1. From the Home screen, swipe up to access **Apps** and tap **Facebook** .
2. Tap **What's on your mind?** to type an update. You can also share photos and videos, start a live video, scroll through your Facebook feed, and more.

Connectivity

The following topics address your phone's connectivity options, including USB file transfer, Wi-Fi, Bluetooth, and more.

Transfer files between your phone and a computer

Tips: If you want to save data to an SD card on your phone, make sure the SD card is installed and active.

Important: Avoid removing the SD card while transferring data.

1. Connect your phone to your computer using the USB charging cable.
 - Insert the end of the cable to the charger/accessory jack at the bottom of the phone.
 - Insert the USB end of the cable into an available USB port on your computer. You may need to remove the USB cable from the AC adapter to access it.
2. Drag the Status bar down to display the Notification panel, and tap **Charging this device via USB** to access USB Preferences screen.
 - You can also access USB Preferences screen via Settings menu (**Settings** > **Connected devices** > **USB**)
3. Tap **File Transfer**. You can also select other options available.
4. On your computer, navigate to the detected device (such as through the **My Computer** menu) and open it.
5. If available, select a drive (**Internal shared storage** or **SD card**).
6. Select a folder and copy files from your computer to your phone or from your phone to your computer.
7. When done, disconnect your phone from your computer.

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet. To use your phone's Wi-Fi, you need access to a wireless access point or hotspot.

Turn Wi-Fi on and connect to a wireless network

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet**  > **Wi-Fi**.
3. Slide the Wi-Fi switch to the **On**  position to enable Wi-Fi.
 - To disable Wi-Fi, slide the Wi-Fi switch to the **Off**  position.
4. Tap a Wi-Fi network to connect, enter the password (if applicable), and then tap **Connect**.

Your phone will be connected to the Wi-Fi network. You will see  in the status bar. For more information on Wi-Fi, see ["Wi-Fi" on page 106](#).

Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, Bluetooth-enabled handhelds, computers, printers, and wireless phones. The communication range for Bluetooth is approximately 30 feet.

There are different options and functions available with certain Bluetooth accessories.

- **Audio output:** Wirelessly listen to music, podcasts, etc.
- **Hands-free calls:** Call hands-free, using Bluetooth-capable hands-free devices and headsets.
- **Data exchange:** Exchange data with Bluetooth devices.

Enable Bluetooth

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices**  > **Connection preferences** > **Bluetooth**.
3. Slide the switch to the **On**  position to enable Bluetooth.
 - You can also enable it from Quick Settings panel. Swipe the Status bar down twice to access the Quick Settings panel and tap **Bluetooth**.

Tip: Turn off Bluetooth when not in use to conserve battery power.

Pair Bluetooth devices

1. From the Bluetooth screen, tap **Pair new device**.
2. Tap a device under **Available devices** and follow the on-screen instructions to pair with the device.
 - Make sure the device you want to connect with is discoverable via Bluetooth.

Connect to a paired Bluetooth device

From the **Connected devices** screen, tap a paired device to connect.

When the device is connected to your phone, you can then use the headset or car kit to listen to music or make and receive phone calls.

You can also use Bluetooth to transfer files between your phone and another Bluetooth-enabled device, such as a phone or computer. Send photos, videos, calendar events, contacts, and more.

For more information on Bluetooth, see ["Bluetooth" on page 115](#).



Apps and entertainment

The topics in this section will explore the features that make your phone so much more than a phone, from the camera and productivity apps to music, entertainment, and more.

Camera

You can use the camera or video camera to take and share photos and videos.



Camera cautions

If the lens is dirty: Fingerprints and smudges on the camera lens may result in blurry photos or videos. If this happens, wipe the lens with a soft, dry cloth.

Avoid exposure to direct sunlight: Do not expose the lens to direct sunlight for long periods, as this can affect the color filter and distort the color of photos and videos.

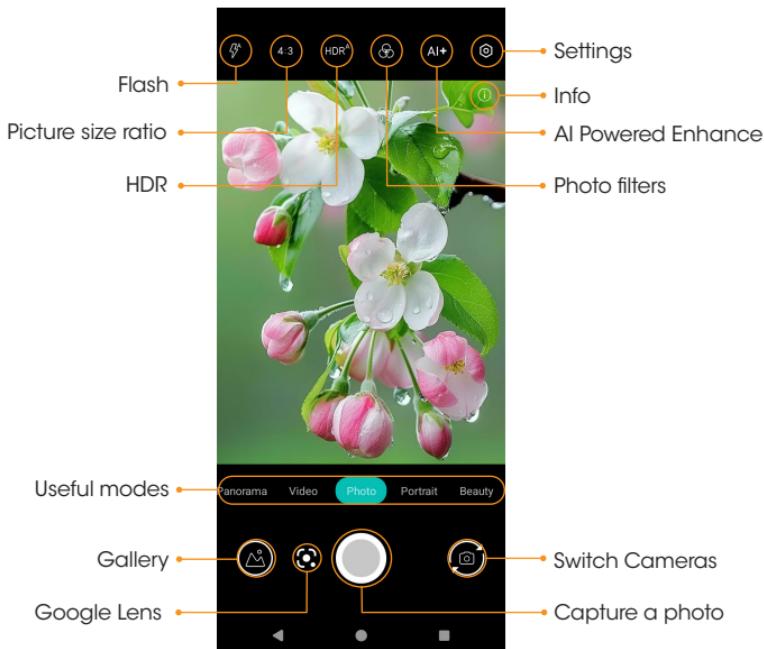
From the Home screen, tap **Camera** . You can also access the Camera with one of the following methods:

- From the Home screen, swipe up to access **Apps** and tap **Camera** .
- Press the **Power/Lock** key twice quickly.
- From the Lock screen, swipe up from the bottom right corner of the screen.

Note: If you have an SD card installed, set up, and formatted, photos and videos will automatically be saved to the SD card. If no card is installed, photos and videos will be saved to your phone's memory.

Camera overview

The camera's viewfinder screen lets you view your subject and access camera controls and options.



On-screen icons

Icons	Function/Service
	Settings Select camera modes and settings options.
	Flash Activate or deactivate the camera flash.
	Picture size ratio Set the photo quality and aspect ratio.
	HDR enhance Activate or deactivate High Dynamic Range enhance mode for clearer, more vivid photos.
	Photo filters Choose from a variety of photo color filters.
	AI Powered Enhance Automatically detect various scenes and adapt the proper settings or parameters like brightness and contrast, color saturation, de-noise, etc.
	Info View tutorials of each camera mode.
	Gallery View the last photo or video taken.

Icons	Function/Service
	Google Lens Use Google Lens to find or search what you see in your camera.
	Capture Capture a photo.
	Switch cameras Switch between the front and back cameras.

Useful modes

Modes	Function/Service
Super macro	Take extreme close-ups with Super macro, and capture vivid details of the world around you.
Panorama	Capture more of the scene by combining images to create a panoramic photo.
Video	Record videos and access video settings.
Photo	Capture photos and access camera settings.
Portrait	Blur the background around the subject for a professional look.

Modes	Function/Service
Beauty	Smooth imperfections and brighten facial features for flawless photos.
Night	Optimize photos in low-light conditions.
More	<ul style="list-style-type: none"> Time lapse: Record videos over a long period of time than speed it up for a fast action moment. Slow motion: Record videos in slow motion. Motion photo: With motion photos, you can get the flexibility of a recording with the same image quality you expect. Professional: Manually adjust settings such as shutter speed, ISO, white balance, focus, etc. for professional quality photos.

Note: Camera options vary based on mode, camera in use, etc.

Take a photo

From the Camera screen, aim the camera at your subject and tap  or press the **Volume** key to take the photo.

Record a video

1. From the Camera screen, tap **Video** to switch to Video mode.
2. Aim the camera at your subject and tap  or press the **Volume** key to start recording a video.

3. Tap  to hold the recording and tap  to resume. Tap  to stop recording and save your video. To take a picture during the recording, tap .

Scan a QR Code

Your phone's rear camera has a build-in QR code reader that will automatically scan codes for restaurant menus, calendar events, Wi-Fi networks, etc.

1. From the Home screen, tap **Camera** .
2. Aim your camera at the QR code you want to scan.
3. Your phone will recognize the code and display the relevant information. Usually a notification will appear at the top of the screen, then tap it to trigger the code's action.

To turn on or turn off the QR code feature, tap **Settings**  on the top right corner of the Camera screen, and slide the **QR code** switch to the **On**  or **Off**  position.

Camera settings

You can adjust your camera's settings using the icons on the main camera screen and the full camera settings menu.

From the Camera screen, tap **Settings**  on the top right corner of the Camera screen.

Setting	Function/Service
Picture size (Rear)	Adjust photo size and ratio.