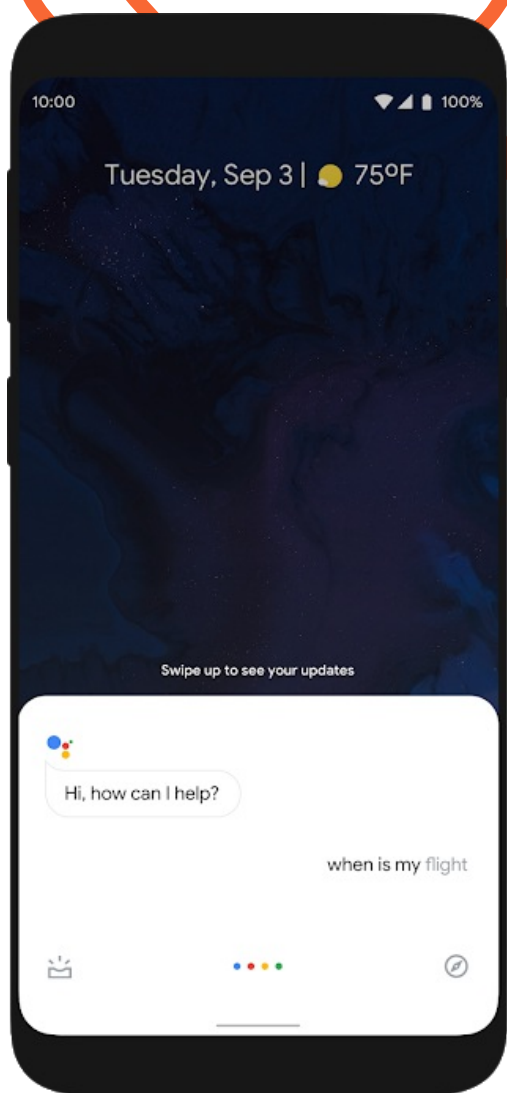
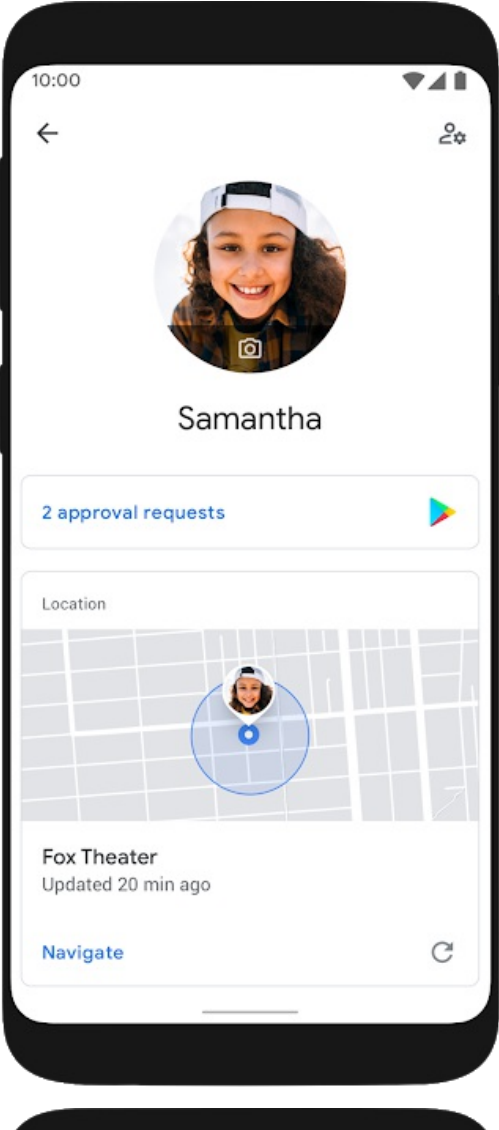


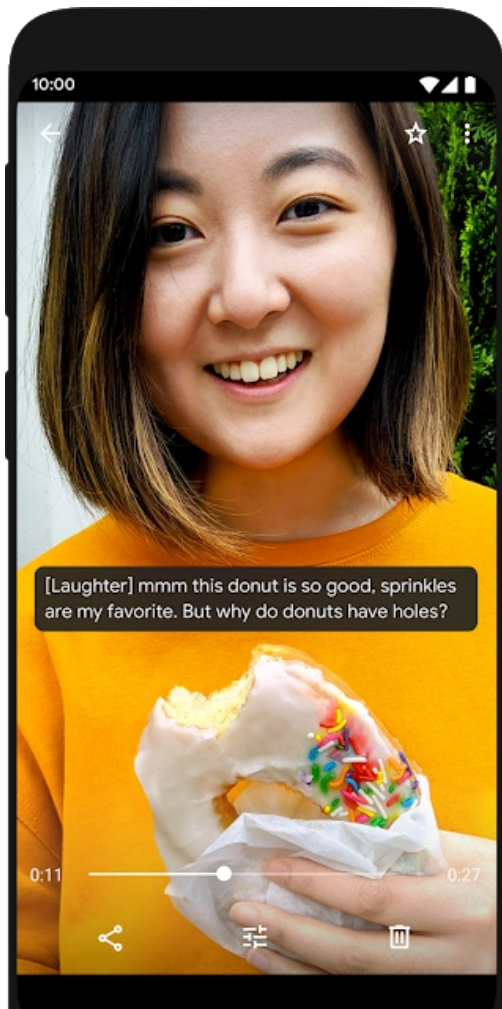
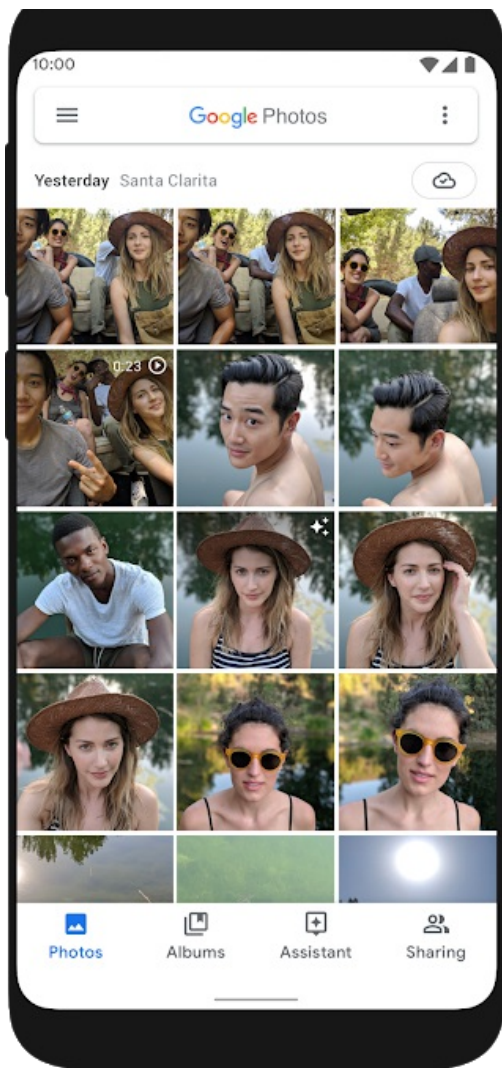


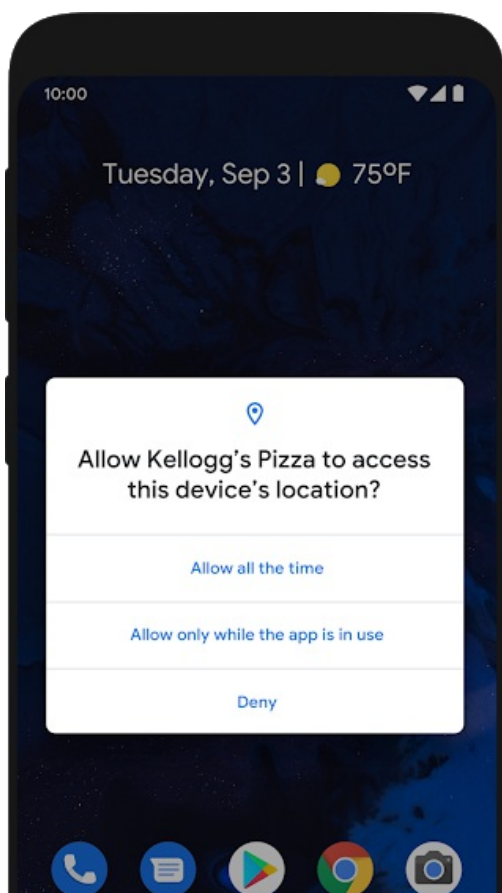
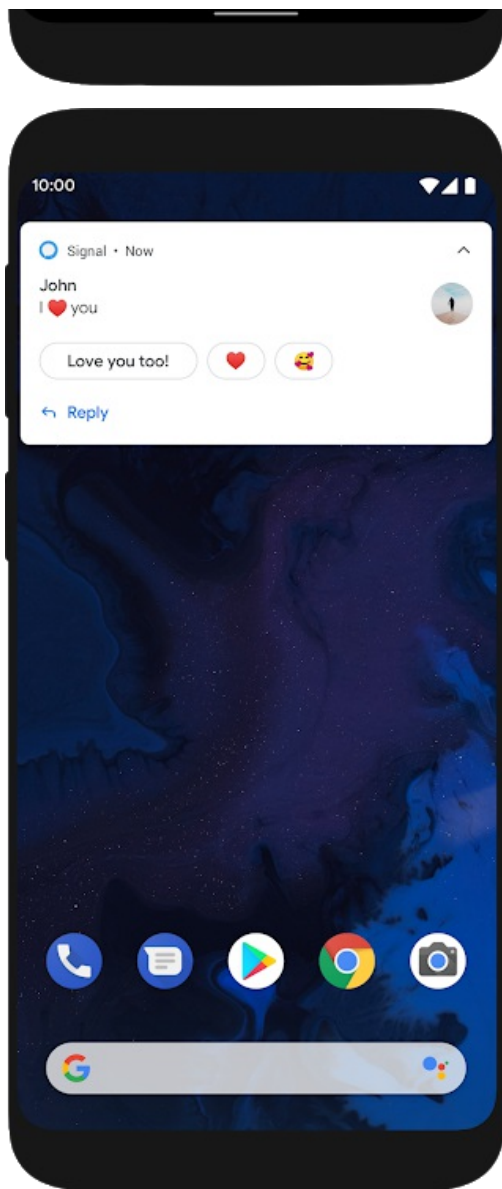
Android 10
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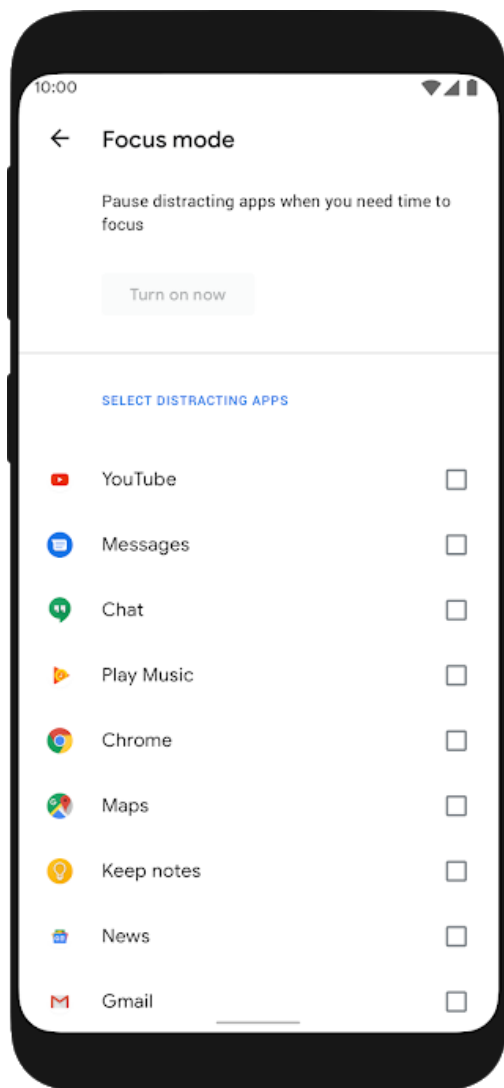
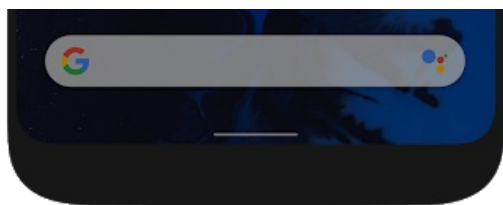
**Help when
Focus when
Dark when
Just the way
you want it.**











Android 10 Highlights

Some of the newest ways to control your privacy, customize your phone, and get things done. It's Android, just the way you want it.

[Live Caption](#)

[Smart Reply](#)

[Sound Amplifier](#)

[Gesture Navigation](#)

[Dark theme](#)

[Privacy Controls](#)

[Location Controls](#)

[Security Updates](#)

[Focus mode](#)

[Family Link](#)



Live Caption

Automatically caption media playing on your phone.

With a single tap, Live Caption automatically captions videos, podcasts, and audio messages—even stuff you record yourself. Without ever needing wifi or cell phone data.



Smart Reply

Take action right as you reply.

In Android 10, you get more than just suggested responses to your messages. You also get recommended actions. So, if a friend asks you out to dinner, your phone will suggest you text "🍷". Then, it'll also pull up directions right in Google Maps. It even works in messaging apps like Signal.



Sound Amplifier

Hear what's around you more clearly.

With Sound Amplifier, your phone can boost sound, filter background noise, and fine tune to how you hear best. Whether talking to your best friend, watching TV, or listening to a lecture — just plug in your headphones and hear everything more clearly.

Try it now ↗

Try it now ↗

Go back

Go home

Pull up Google Assistant



Gesture Navigation

Get around with a swipe and a pull.

Gestures are now quicker and more intuitive than ever. Go backwards and forwards, pull up the homescreen, and swipe up to see your open apps. All super smooth.

Dark theme

Take it easy on your eyes. And your battery.

Android's new Dark theme uses true black to keep your battery alive longer. Plus, it also changes how your Google apps look, like Calendar and Photos.¹

The newest, game-changing devices.

Foldables and 5G devices are only available on Android. So you get to experience the latest and greatest features on devices that fold, flex, and move faster than ever.

Keep your data private with more controls.

With Android 10, you're in control of your privacy. That's because you get new, smarter controls that let you decide how and when data on your device is shared. So you can rest easy.

Find and adjust all your privacy settings in one place.

Decide what data is stored, like your Web & App activity. And for how long.

Control when your location is shared with apps: all the time, while in use, or never.

Opt out of ad retargeting and personalization.



Get security updates faster.

Over the air and without rebooting.

Android devices already get regular security updates. And in Android 10, you'll get them even faster and easier. With Google Play system updates, important Security and Privacy fixes can now be sent directly to your phone from Google Play, just the same way all your other apps update. So you get these fixes as soon as they are available.

Digital Wellbeing

Quality time. It's different for everyone. For some, it's unplugging on the weekends. For others, it's spending

hours video-chatting with your best friend. Android 10 gives you the tools to find that balance.

Select apps to pause

Turn off distractions



Focus mode

Focus on what's in front of you.

For getting in the zone and blocking out distractions. Focus mode is now in Beta and lets you select apps to pause temporarily. So if you want to turn off a distracting app to get something done, all you have to do is tap.

Try it now ↗

Try it now ↗

Set screen time limits

Manage what content they see

See device location



Family Link

Set digital ground rules and help make healthy habits.

Help guide your kids as they learn, play, and explore online. You can set screen time limits, view app activity, manage apps and content restrictions, and see where they are.²

See more Digital Wellbeing features →

Plus a whole lot more.

Android has new features across everything from your camera to your settings. There's something for you.

Accessibility

Live CaptionWith a single tap, Live Caption automatically captions videos, podcasts, and audio messages—even stuff you record yourself. Without ever needing wifi or cell phone data.

Hearing aid supportAndroid 10 now has built-in support for streaming media and calls directly to hearing aids. Using bluetooth low energy so that you can stream all week.

Live TranscribeReal-time transcriptions for the world around you. Now with sound events that show you when someone is clapping, a dog is barking, someone is whistling, and more.

Sound AmplifierFilter out background noise and amplify sound according to frequencies personalized to your hearing. Now as a standalone app with a sound visualizer so you can see the sound going on around you.

Accessibility TimeoutsGive yourself more time to interact with your device features. Like the control panel, volume control, and more.

Camera

HEIF ImageSupport for new file format (.heif) to save still images

HEIC imagingSupport for new file format (.heic) to save still images.

Dynamic depthNew file format to capture, store, and share depth photos (including AR) across Android.

Monochrome camera supportNew camera type support which enables app developers to get monochrome output natively on devices that list this capability.

Privacy improvementsSome camera characteristics now require camera permissions prior to being accessed.

Recommended stream configurationsDevelopers will be able to poll preferable stream configurations on devices that list this capability.

Secure camera frameworkEnables phone manufacturers to transport camera frames in a secure manner.

Digital Wellbeing

Digital Wellbeing & parental controlsEasily access Digital Wellbeing & parental controls within your phone's Settings menu to create and maintain healthy digital habits for the whole family.

Site timersIn addition to setting app timers, you can see how you spend your time and set daily limits for individual websites. All within the same Digital Wellbeing dashboard.

Focus modeFor getting in the zone and minimizing distractions. Turn on Focus mode with a single tap to pause apps that you've selected.

Enterprise

Improved provisioning tools for the work profileYou can now provision directly into a work profile right from the setup wizard.

Device admin for enterprise deprecationThe removal of device admin for enterprise purposes enables more private and secure offerings such as the work profile.

Separate input method for work and personalYou can now use your favorite keyboard in the personal profile while IT can require a separate input method for the work profile.

Messaging & Sharing

Suggested actions in notificationsAndroid can now generate suggested replies and actions for all messaging notifications. And developers will be able to opt out or supply their own suggestions.

New emojisAndroid 10 introduces 65 new emojis, including gender-inclusive designs for emoji like haircut, weightlifting and sauna.

Share Wi-fiNow, you can share your Wi-Fi details with guests via a QR code while keeping your password secure.

Improved sharesheetIt is now quicker and easier to share content from apps with your contacts. You can also preview content before you send it.

Performance

Adaptive Battery improvementsLaunched in Android 9, this feature uses machine learning to predict which apps you'll use in the next few hours and which you likely won't, so your phone only spends battery power on the apps you care about.

Security & Privacy

New location controls and reminderYou now have more control over how, or if, your location data is shared. When an app asks permission to access your location information, you can now award it access all the time, while the app is in use, or deny it access. If an app has access to location data all the time, then Android will remind you with a one-time notification. Want to change that access? Simply go to your settings.

Android Emergency Location ServicesAndroid helps keeps you safe when urgent situations occur. "ELS" can send enhanced location directly from Android handsets to emergency services when an emergency call is placed.

Google Play system updatesAndroid devices already get regular security updates. And in Android 10, you'll get them even faster and easier. With Google Play system updates, important Security and Privacy fixes can now be sent directly to your phone from Google Play, just the same

as you get updates for apps. And you can turn them on or off in Settings.

way all your other apps update. So you get these fixes as soon as they are available.

Privacy settingsYou can now view and control all of your privacy settings — from App Permissions to Web & App Activity to Location History — from one, simple place in your settings.

Usability Enhancements

Gesture navigationNew ways to navigate around your phone without using any buttons. Go backwards and forwards, pull up the homescreen, and swipe up to see your open apps.

Contaminant detectionIf moisture or debris is detected in your USB port, a notification will be sent to you and accessories will not function.

Priority notificationsWith Android 10, you can organize and prioritize notifications by marking them as "silent" or "alerting". Silent and alerting notifications are separated in the notifications bar, making it easier for you to see what needs your attention.

Manage notificationsIt's easier to find and manage notifications Settings straight from the notifications panel. Just pull it down, scroll to the bottom and tap manage in the bottom left hand corner.

Dark themeYou can now turn your UI and first-party apps dark by activating Dark theme in Settings. This is easy on the eyes, and helps saves battery, too.

Android AutoAndroid Auto now comes built-in, so you can simply plug in your phone and start using Android on your car's display. No app download needed.

Dynamic System UpdatesThis feature allows developers to load a different system image on their device for testing without affecting their original system image.

FOR DEVELOPERS	+
FOR ENTERPRISE	+
FOR THE PRESS	+
THE ECOSYSTEM	+
SUPPORT	+

¹ Not all products and features shown here are currently available in Dark theme.

² Child or teen's device must be powered on, recently active, and connected to the internet.



