

General Phone & Screen Navigation

This handout will explore the buttons that are located on the frame of the smartphone/tablet. This handout will also explore how to locate and define the purposes of the lock screen, home screen, notification center, and controls center.

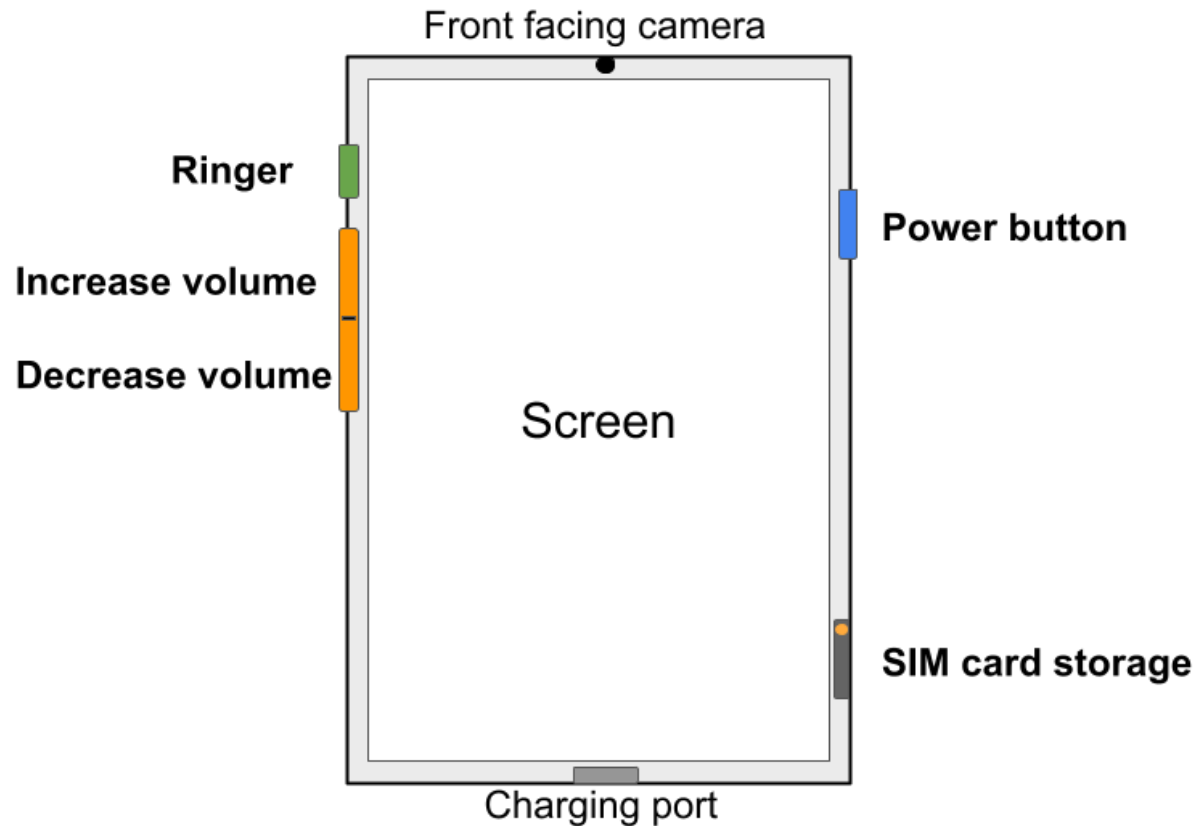
This handout utilizes a generalized diagram as different brands of phones look different.

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Phone Structures Diagram



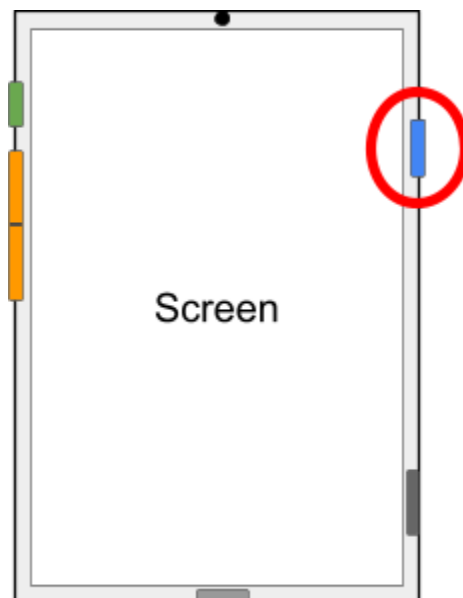
Note: This diagram is a generalized version of a smartphone/tablet. Buttons on your device may have a different location. The ringer is exclusive to apple products (iPhone/iPad)

Power Button

The power button has 2 functions. First, a brief click will turn the screen display on/off. Usually upon clicking the power button, the lock screen will appear.

The second function of the power button will depend on your device. Pressing the power button for longer than 2 seconds will either:

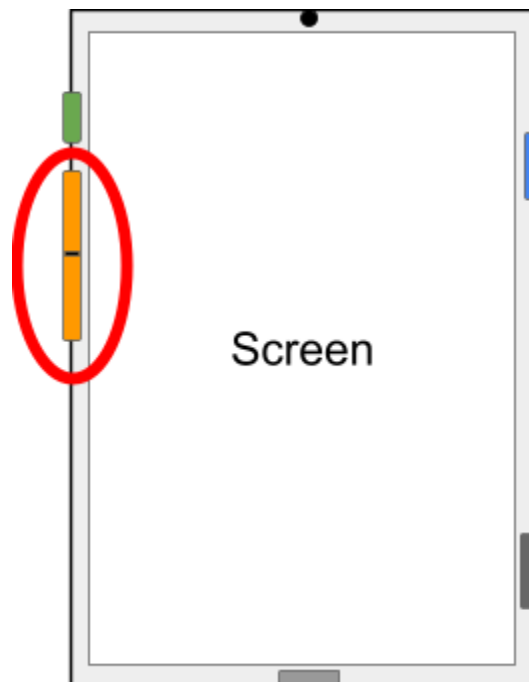
1. Turn on a voice assistant
2. Shutdown the device



Volume Buttons

The volume button allows the user to increase or decrease the phone's loudness. The button closest to the top of the device will increase the volume. The button closest to the bottom will decrease the volume.

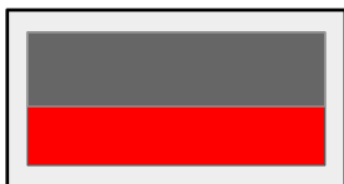
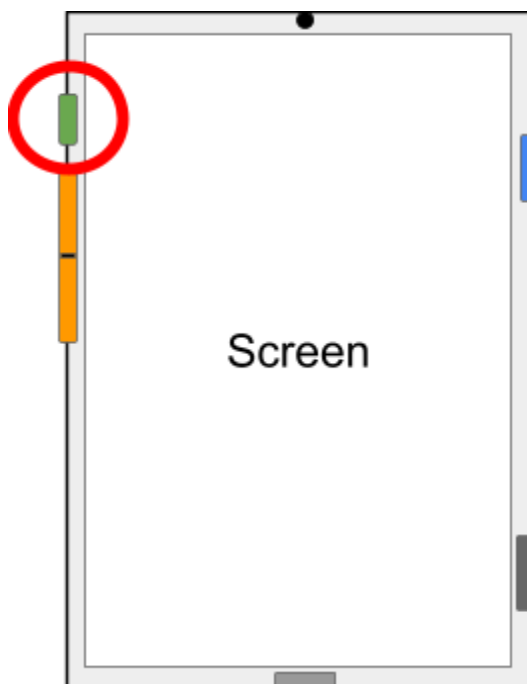
Some devices have a space between the two volume buttons. Other devices use one long button as the volume button, but the function is the same as written above.



Ringer (iPhone)

A switch mechanism to turn the phone on vibrate/silent. When the ringer is off the phone will vibrate upon receiving a notification instead of making a sound.

To turn the ringer off/on, you can push a silver rectangle protruding from the phone back and forth.



Ringer off



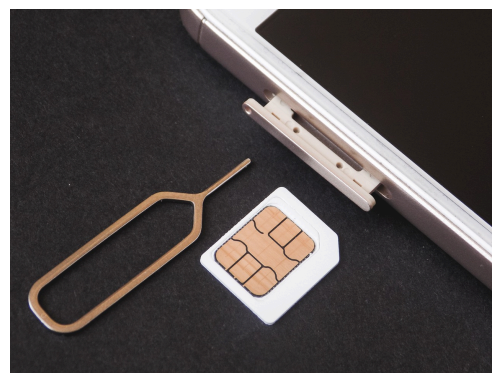
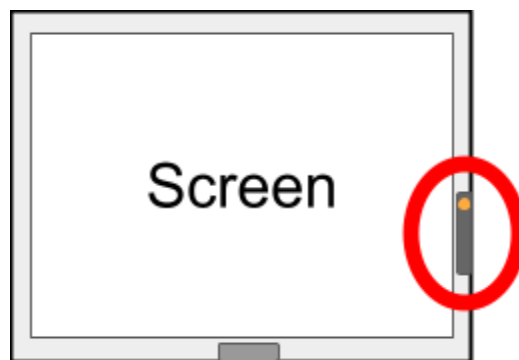
Ringer on

SIM Card Storage

The SIM card is an identification chip that allows the device to text, call, and utilize a cellular network for internet access when you are not connected to a local internet router.

You can still use your device without a SIM card as long as you are connected to a local internet router. However, texting and calling would not be available.

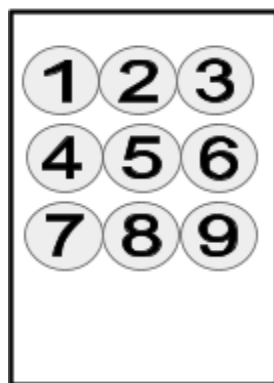
Accessing the SIM card storage is not done often. It is typically done when you are switching to a new phone.



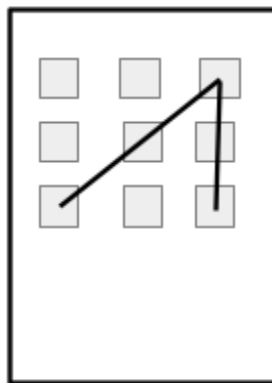
Lock Screen

The lock screen is a visual interface that first appears upon clicking the power button. The lock screen prevents access to most functions of the device. Entering a passcode is needed to gain full access to the device. There are several different kinds of passcodes.

Types of Passcodes



Numbered
Pin



Grid
Pattern



Fingerprint
recognition

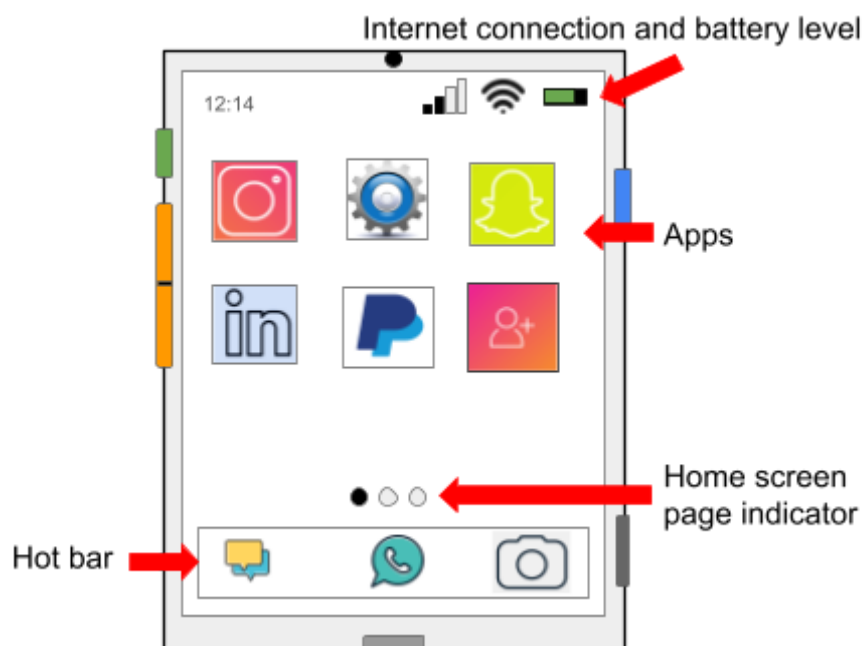


Facial recognition

If fingerprint or facial recognition fails, the device will ask the user to enter a numbered pin as a backup.

Home Screen

The home screen is a visual interface that allows access to all apps. The home screen is shown immediately after the lockscreen once the passcode is entered. The home screen allows you to open different apps by tapping on the app icon.



Internet Connection: At the top of the screen there are vertical rectangles increasing in height. This icon is used to indicate how strong your internet connection is. The more bars that are filled in, the faster and stronger your internet connection is. If all bars are filled in or highlighted, there will be little delay in loading websites and apps that use the internet. If only one or two of the bars are filled in, you may have to wait a minute for apps to load.



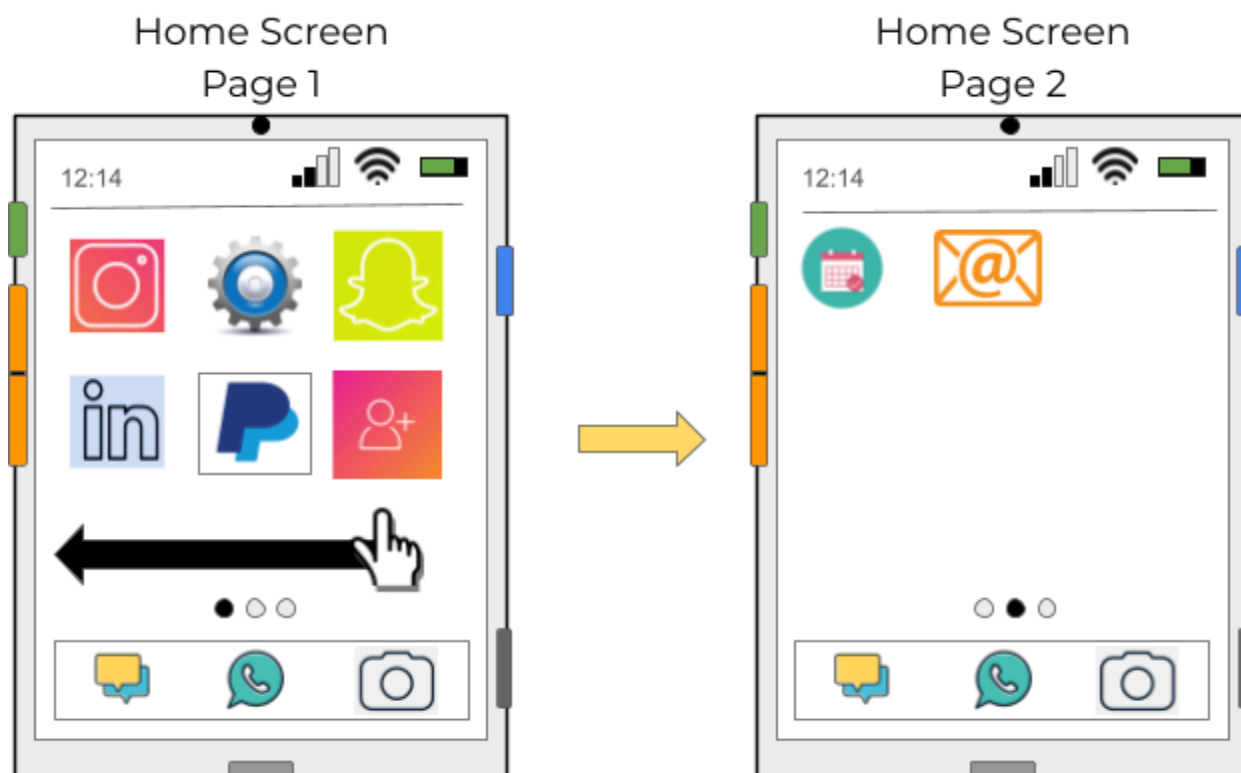
WiFi: The wifi icon indicates whether or not you are connected to Wifi. This icon shows that I am connected to an internet router.

Remaining Battery: This icon indicates how much battery is left before the device needs to be plugged in to charge. The more filled in the icon is, the more time I have before the device shuts down.

Home Screen (cont.)

Home Screen Page Indicator: Above the hot bar are three dots, which indicates what page of the home screen the user is on. Not all apps the device has can fit on one home screen, so there are multiple pages with different apps.

The circle that is darkened indicates which page you are on. In the picture below, the first circle is darkened when I am on the first page. Then, a finger is dragged horizontally to the left, the screen is now showing the second page. Notice how the middle dot is darkened. Now that the second page is shown, the calendar and email app can be accessed.

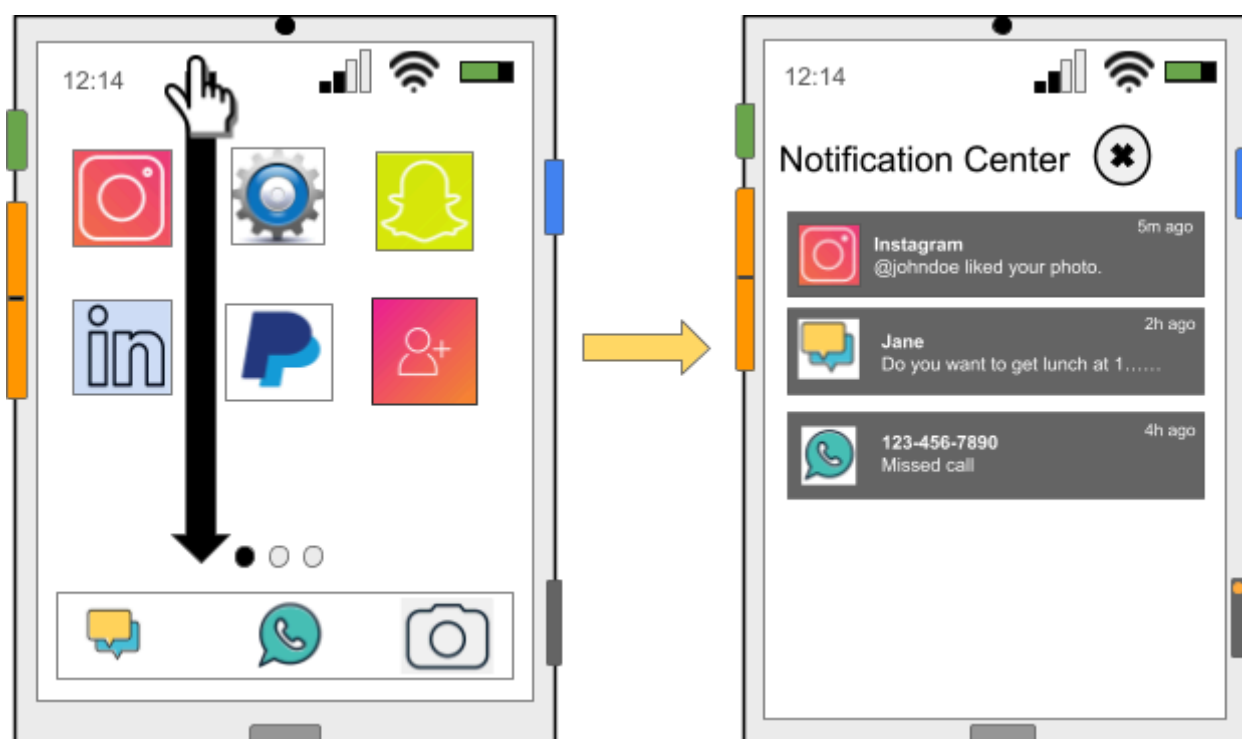


Hot Bar: The apps on the hot bar stay the same regardless of what page of the home screen you are on. The hot bar can be customizable on most devices to show most frequently used apps.

Notification Center

The notification center is a visual interface that shows the user recently received messages, phone calls, emails, and other app updates.

The notification center is often accessed by dragging a finger or stylus from the top to the bottom of the screen.



On the notification center, each rectangle shows one notification. Each notification will display which app the notification came from. For messages and phone calls, a name or phone number of the sender will be displayed. If a phone number is saved as a contact, the name will appear. If a phone number is not saved as a contact, the notification will only display the number.

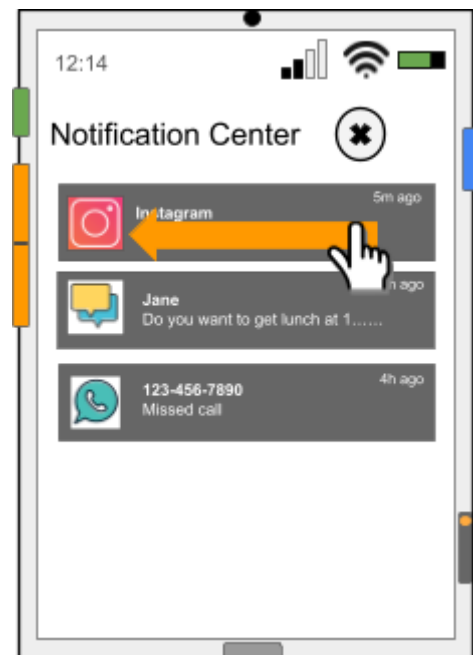
Tapping on the notification will also open the app it came from. For example, if I tap a text message notification, it will open the text conversation with the person

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who sent the text. If I tap on a missed call notification, the phone will start to dial the phone number.

Notification Center (cont.)

To delete a notification, drag a finger from right to the left on the notification. To delete all notifications, locate and tap a button that says “clear,” “delete all,” or displays an ‘x’ at the top of the screen.



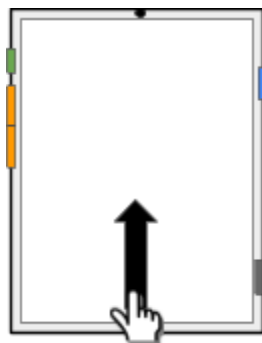
To leave the notification center, drag a finger from the bottom of the screen to the top. This action will return you to the screen you were viewing prior to the notification center.



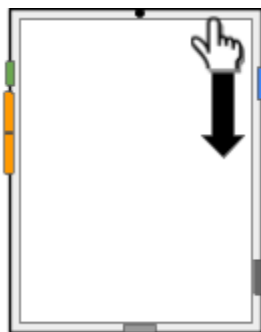
Controls Center

The controls center is a visual interface that allows the user turn on/off airplane mode, bluetooth, WiFi connection, and battery saver. The controls center allows for the screen brightness and volume to be adjusted.

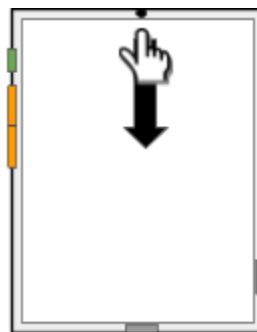
Accessing the controls center will look different depending on your device. See below to view the most common ways to access the controls center.



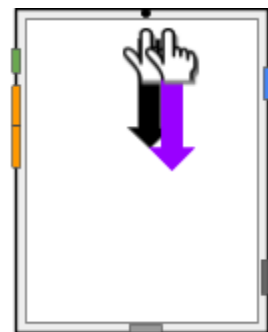
iPhone SE,
iPhone 8
and earlier



iPhone X
and later



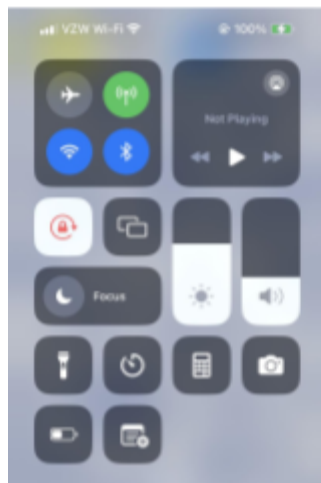
Samsung



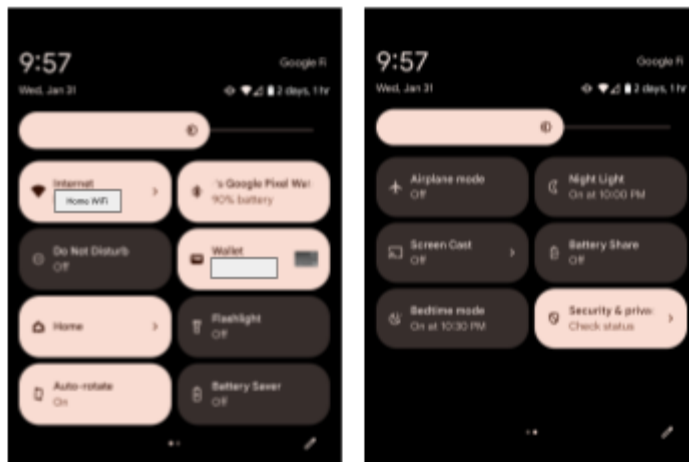
Google Pixel,
Motorola, LG

Controls Center Examples:

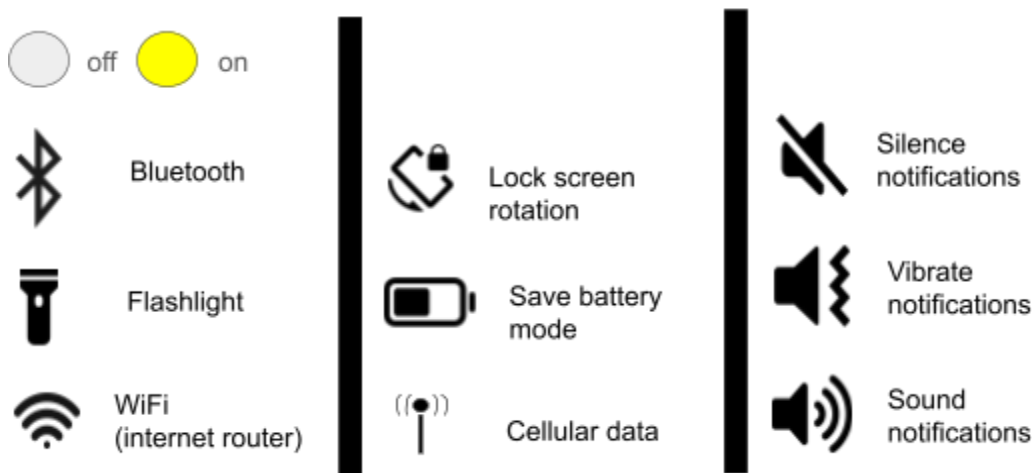
iPhone



Google Pixel



Icons of the Controls Center



When icons on the controls center are highlighted or colored, it means the action of the specific icon is on. Listed below are definitions of different icons frequently found in the controls center.

Bluetooth: Turning this on allows the device to connect to wireless accessories such as earbuds, keyboards, and other assistive devices.

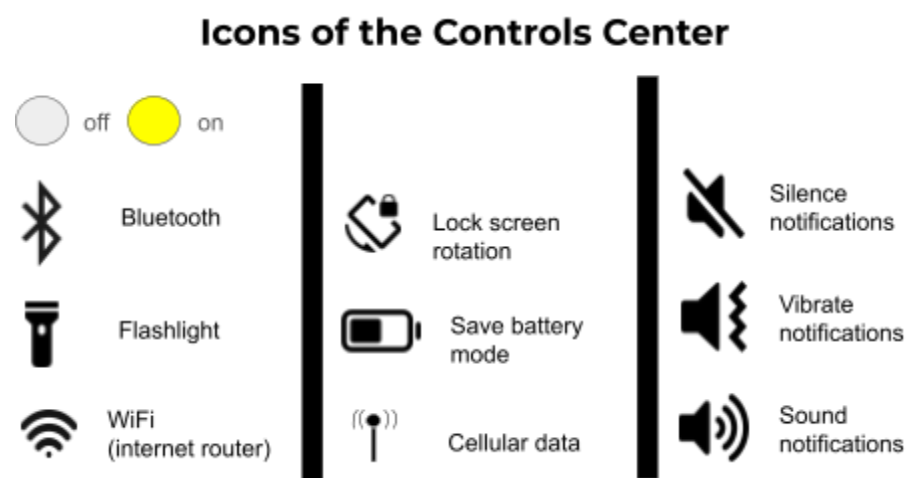
Flashlight: Turning this on will turn on an LED light on the back side of the iPhone

WiFi: Turning this on will automatically connect the phone to the internet router. When this is off, the phone will utilize the internet through the means of a cellular network provided by a user's cell phone provider.

Lock Screen Rotation: Turning this on will prevent the screen from rotating horizontally when the device feels it has been physically turned 90 degrees.

Save Battery Mode: Turning this on will slow down device processes to preserve the remaining battery.

Cellular Data: Turning this on will allow the device to connect to a cellular network provided by the user's cell phone provider when the device is not connected to a local internet router.



Silence Notifications: The device will not vibrate or make a sound upon receiving a notification such as a text or phone call.

Vibrate Notifications: The device will vibrate upon receiving a notification/

Sound Notifications: The device will make a sound upon receiving a notification.

Adjusting Volume & Brightness

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In the controls center, the user can adjust the volume and brightness. Some devices have a horizontal line where a dot can be dragged to the left or right to adjust the volume or brightness. iPhones utilize tall rectangles in which the user increases the volume or brightness by dragging the shaded area of the rectangle upwards.

