

How to Turn On and Use NFC: **Android**

NFC: Near Field Communication

****Supported NFC Android Devices:** every device running Android 4.4 or later. (If you have access to Google or Samsung Pay, your device would have NFC.) (Hill, 2021)

One way you can test if your phone has NFC capabilities by opening the HotSpot app, going to the “**Parking**” tab, press the “**Gate**” tab, then click the “**Use Tap**” button. If your phone screen changes and says “Ready to Scan”, you have NFC capabilities. If your phone shows an error message that says “Your phone is not equipped with NFC capabilities” this means you do not have the ability to scan in or out of the gated lots.

Another way to tell if your phone has NFC capabilities is to go into your settings (usually, you can swipe down from the top of your screen and find the gear icon). Generally, there will be a search bar at the top; once selected into the search bar, type “NFC,” which will bring you to the NFC settings. You may need to select the button next to NFC to turn it on. If NFC does not return any options, try searching for “**Android Beam.**” If neither of these searches turns up options, your phone most likely does not support NFC. (Roe, 2020)

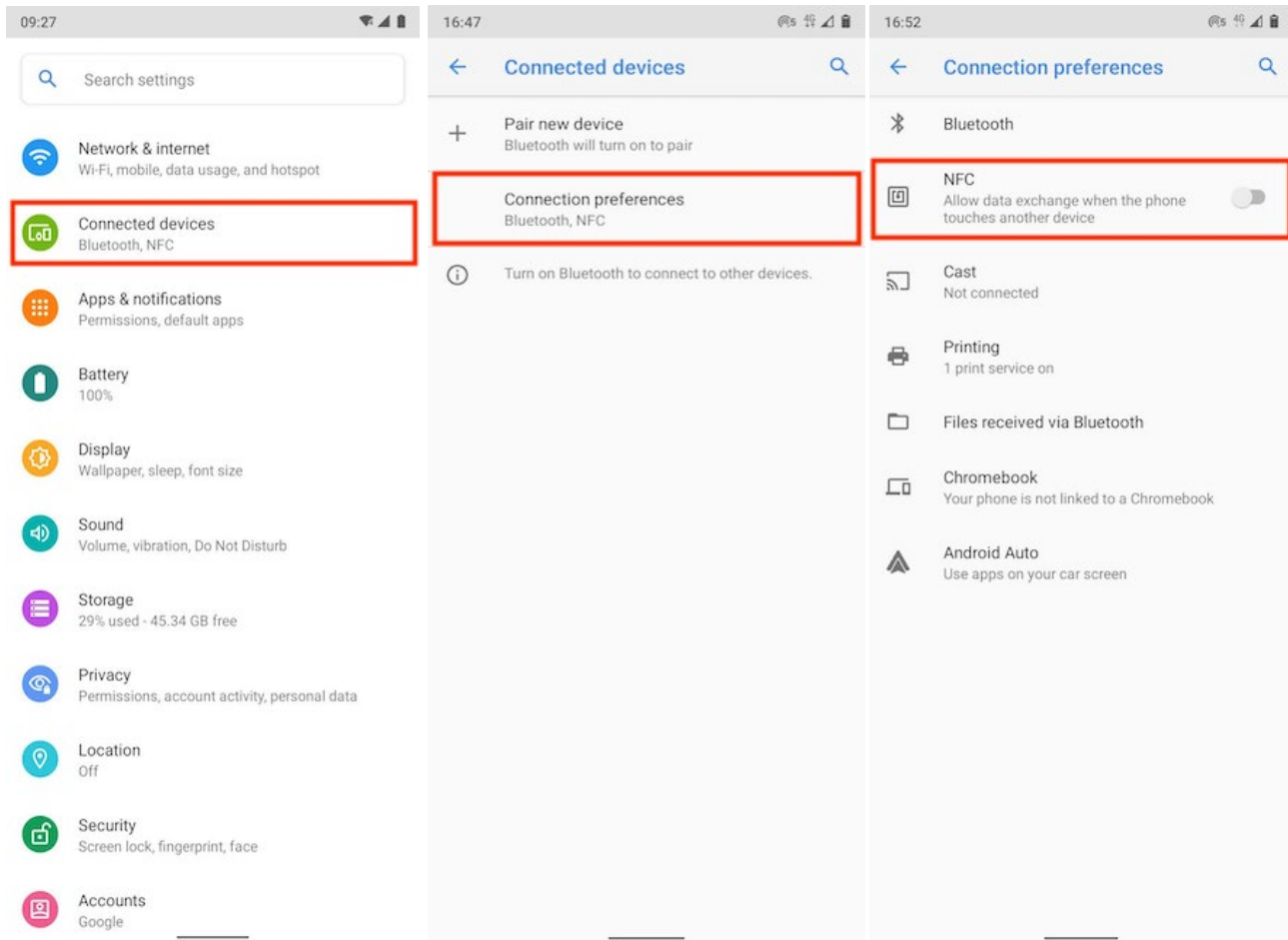
For Samsung and other manufacturers, you can turn NFC on and off by using the NFC shortcut in the quick menu (the same menu from the swipe down from the top of the screen). (Roe, 2020)

If neither of these options works, under the **Settings** menu,

Look under “**Connected Devices,**”

Then **Connection Preferences,** find the **NFC** field, which will have an on/off toggle.

(Roe, 2020)



Samsung Galaxy S10 and similar Samsung Devices:

- **Settings**
- **Connections**
- **NFC and Payment**
- **Select NFC**
- **Scroll and tap Android Beam** (Hill, 2021)

Motorola Phones:

Drag status bar down, touch gear icon

Under **wireless and networks** select **More**

Check the **NFC** box and touch **Android Beam** to turn it on (Motorola, n.d.)

Where is the NFC sensor located?

The NFC sensor is generally on the back of the phone, either in the center, lower or upper portions. It may take a bit of experimenting to see which angle works best for your phone. If you have used your mobile wallet before, the same angles should work for the Hotspot NFC tags.

References

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