

# 9 tips to extend battery life for Android phones you should apply today

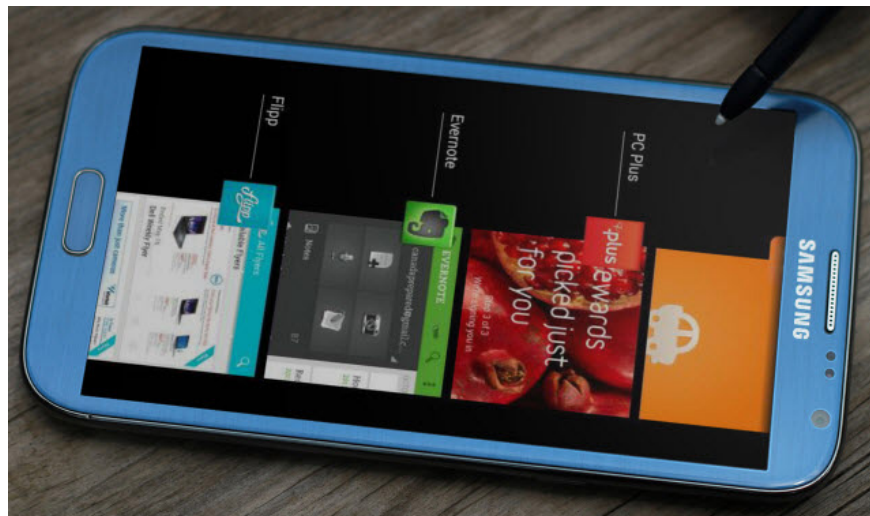
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1. 8 tips for maximum battery saving for your phone

## 1. Limit the application running in the background

Any application running in the background consumes energy. Normally, when we "close" an application, the application is not actually exited, it still runs in the background, checks the signals, views the compass, pings the server and does some other work half. Android is quite good at managing these applications and automatically closes applications that are not used for a long time.

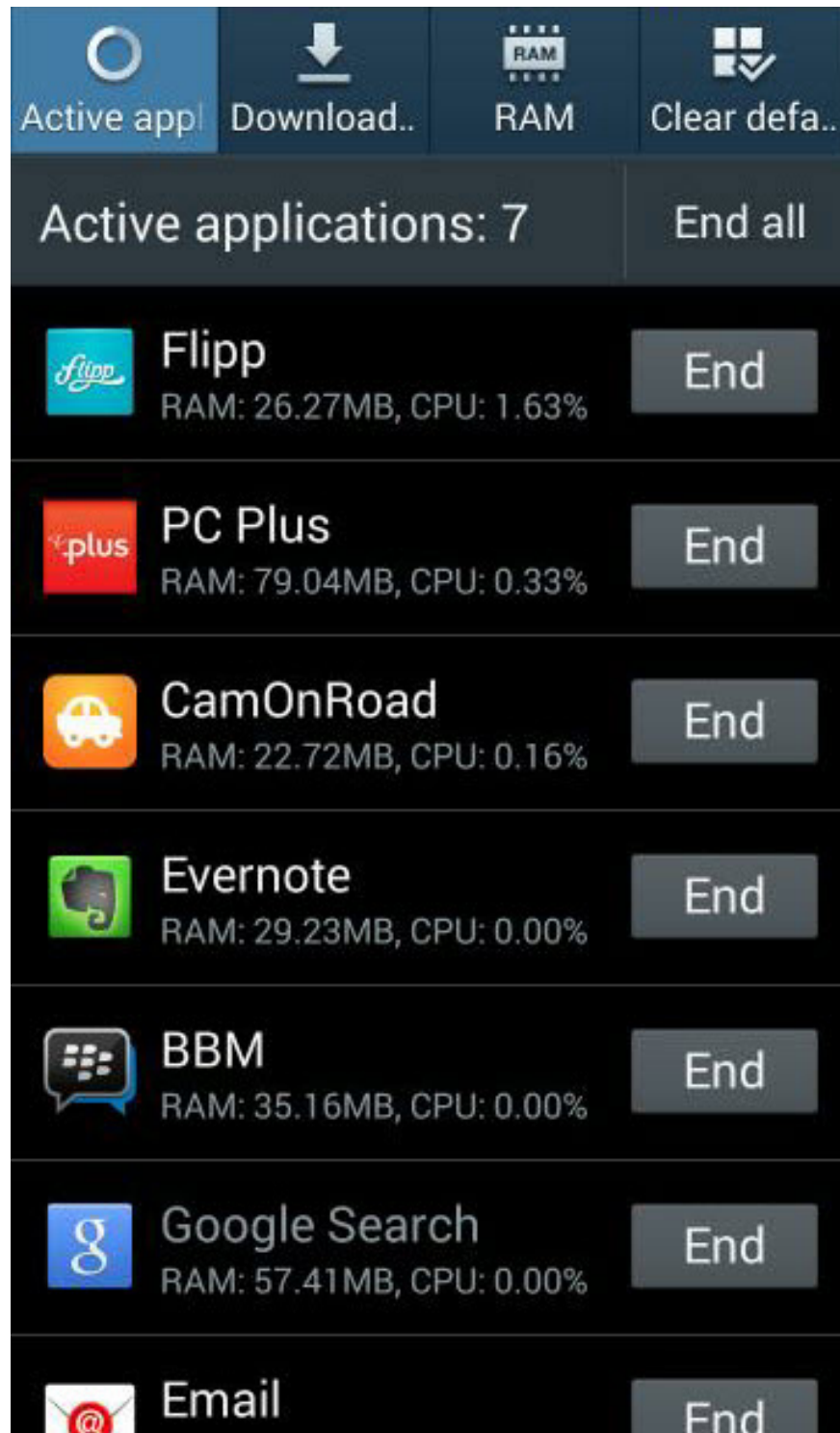


How can I 'kill' all these 'eating' apps? Many users use applications that remove background apps, but if "killing" regular applications, it will consume more energy, because it takes more energy to restart from scratch. So, consider the built-in methods on the following device.

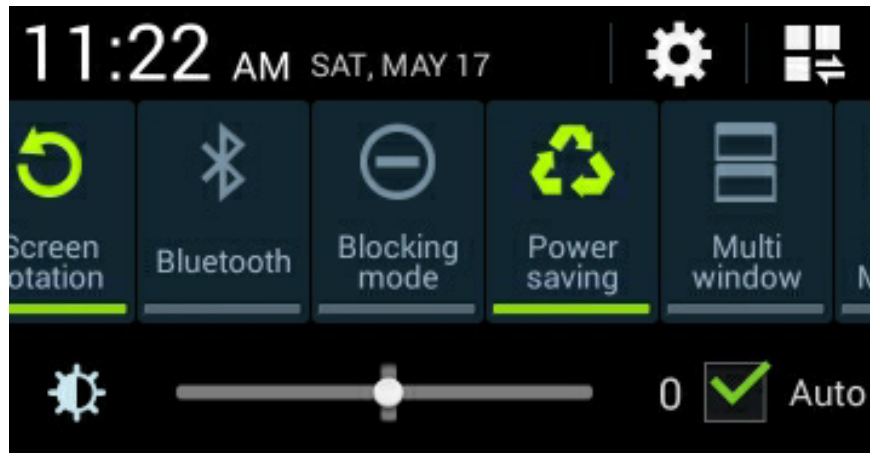
On non-Samsung devices, simply touch the multitasking button and swipe the apps running in the background to the side. Some manufacturers will have a **Kill All** button at the bottom of the screen. For Samsung devices, this

process is slightly different. On Samsung's Android smartphone, just touch the **Home** button or on newer devices like Galaxy S5, tap the multitasking button, formerly called the menu button.

You will see a list of applications, as shown in the image below and a button that looks like a pie chart. Touch the pie chart, then click the **Active applications** button at the top of the screen. This is a list of all active applications on the phone. To turn off the background application, simply press the **End** button.

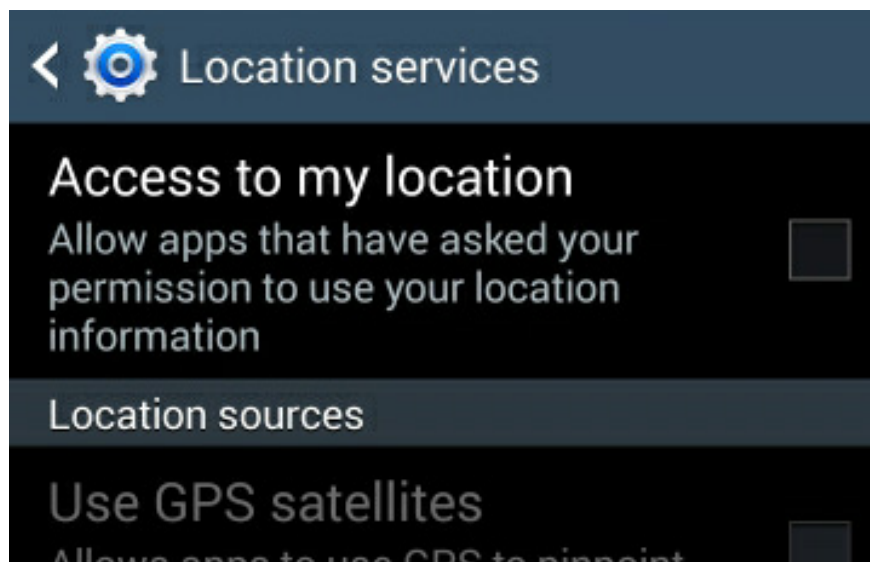






Your phone consumes more energy when it is in an area where there is no mobile service because it must constantly search cell tower to connect. This takes a lot of energy.

Applications using location-based services can use a combination of GPS satellites and wireless networks to estimate your location. If you don't need a location-aware application, you can turn off **Location Services** by going to **Settings> More> Location Services** , unchecking the **Access to my location** check box .

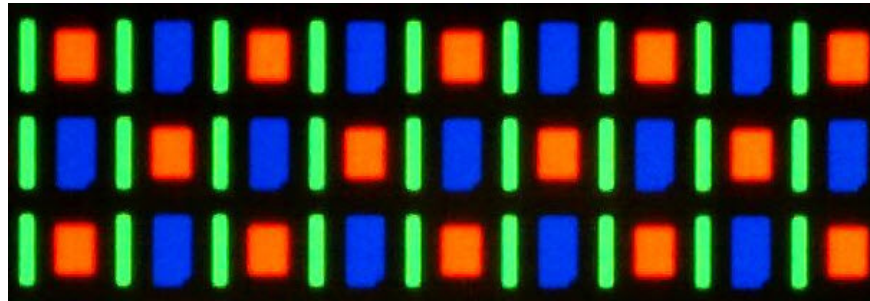


#### 4. Change the screen brightness

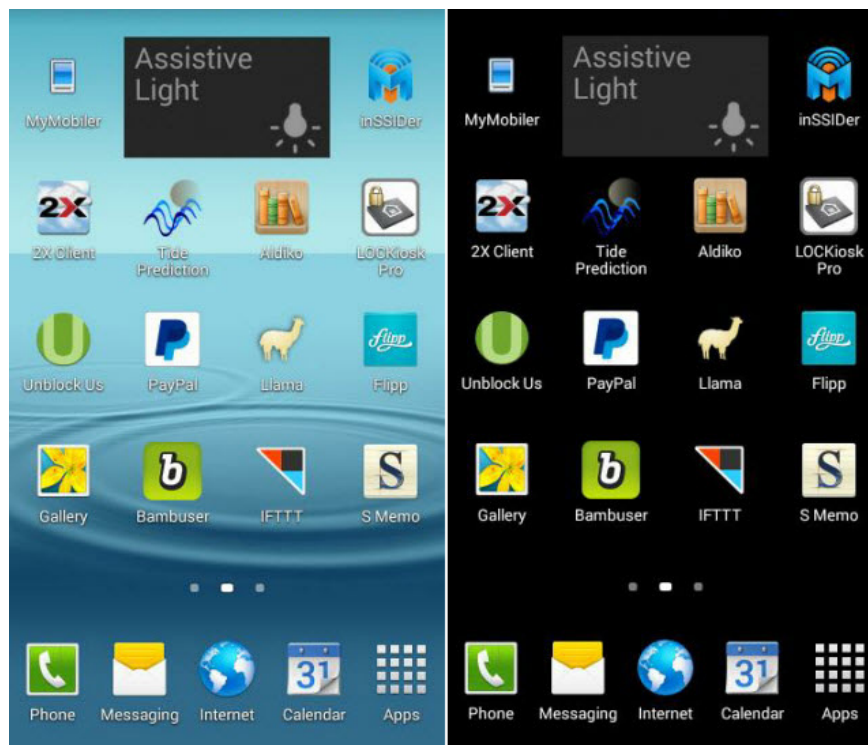
Phones use energy to run programs and services, but there is one object that consumes more energy than the screen. By adjusting the screen brightness to low, you can add more precious seconds to battery run time. Change brightness by swiping down from the top of the screen to display the brightness bar. Uncheck the **Auto** box and drag the slider to find the brightness and energy saving balance.



Another trick is to use a simple black screen for the lock screen and home screen. This can only be done with **AMOLED** displays ( **A** ctive- **M** atrix **O** rganic **L** ight- **E** mitting **D** iode). The way this screen works is to lighten different pixels, which is one of three colors - red, green and blue - to give an impression of a specific color. When the device wants to display certain shades of black, it will not light up any pixels, the less light the less energy is consumed.

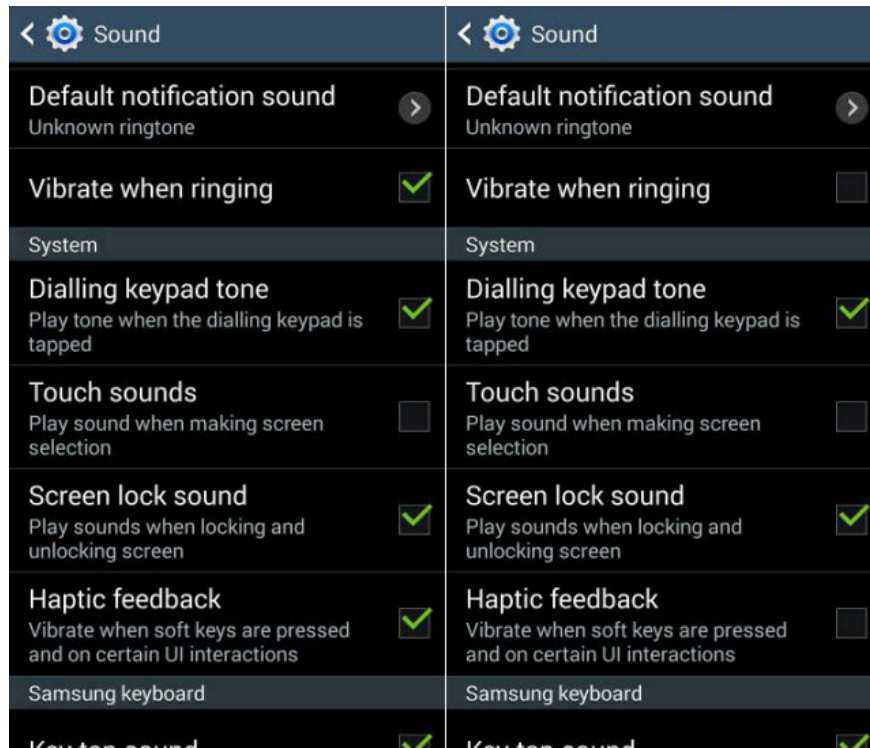


Also Android users can download a black wallpaper. To install it, transfer the file containing the wallpaper to a folder on the phone. Go to **Settings > My Device > Display** , tap **Wallpaper** . Here you can choose to change the main screen, lock screen or both. Navigate to the place where the black wallpaper is saved and select it.



## 5. Turn off vibrate mode

Another huge electric vacuum is a vibrating mode on an Android smartphone. Creating motion against friction and also wasting energy like heat. If you don't need vibration mode, turn it off. Turning off vibration mode also means that you will turn off vibrate for notifications such as phone ringing and haptic feedback. Haptic feedback is touching a button, Android phone will 'twitch'.



## 6. Keep the phone cool or warm

Did you know that temperature can affect battery life? So do not leave the battery too hot or too cold.



Leaving the battery at an extremely cold temperature increases the internal resistance of the battery to the current. This reduces battery capacity or runtime. In addition, leaving the battery at a high temperature causes the battery to wear out, damage the battery, waste power, reduce runtime and eventually the battery can "die". So you should leave the phone at room temperature, this is the ideal temperature for batteries.

## 7. Use booster batteries

There are many types of batteries enhanced on the market, some batteries function as phone covers, so don't have to carry two devices at the same time. With this battery booster you can easily double or triple the battery run time.



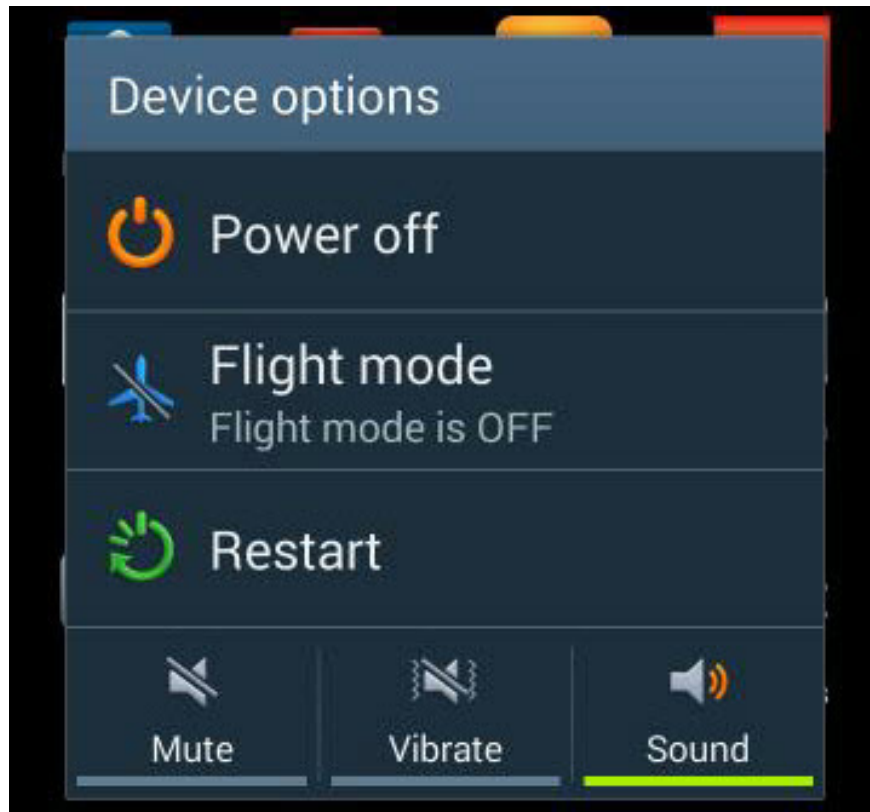
### **8. Charge your phone battery when needed**

Whenever possible, charge the Android battery. It is often advised that the charger should not be plugged in when the battery is not fully discharged, but for today's modern batteries it is no longer true. You can charge the battery at any time and do not damage the battery.



### **9. Turn off the phone**

When the phone is completely turned off, the power consumption is very small. Unless you are waiting for an emergency call in the middle of the night, turn it off before going to bed or turn off whenever needed.



Applying any of the above battery-saving measures will also change your Android battery life.

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