

## 8 features on Android 4.4 KitKat you may not know yet

Android 4.4 has been around for a while and it has also been pre-installed on new devices that are marketed. At the same time, many companies also started upgrading their old products to the operating system version. Today I would like to share with you some mysterious features that may not be known to you on Android 4.4.

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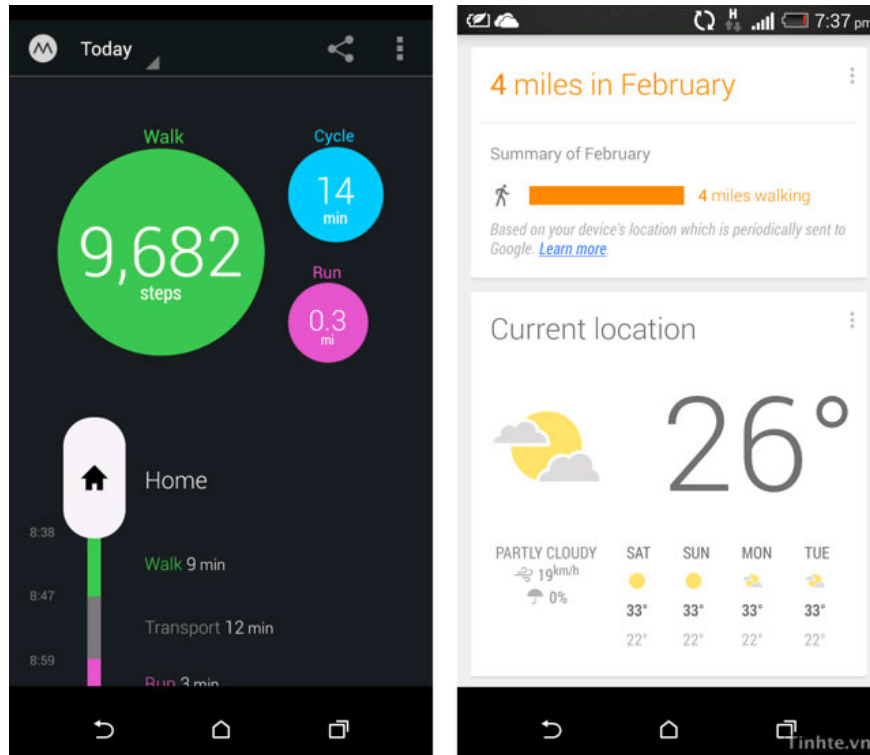


### Get to know and follow the steps

Android 4.4 KitKat supports motion sensors better than previous versions, and it allows third-party applications to track user movements without consuming a lot of power. You can try out apps like **Moves** or **Runtastic Pedometer** to use this feature.

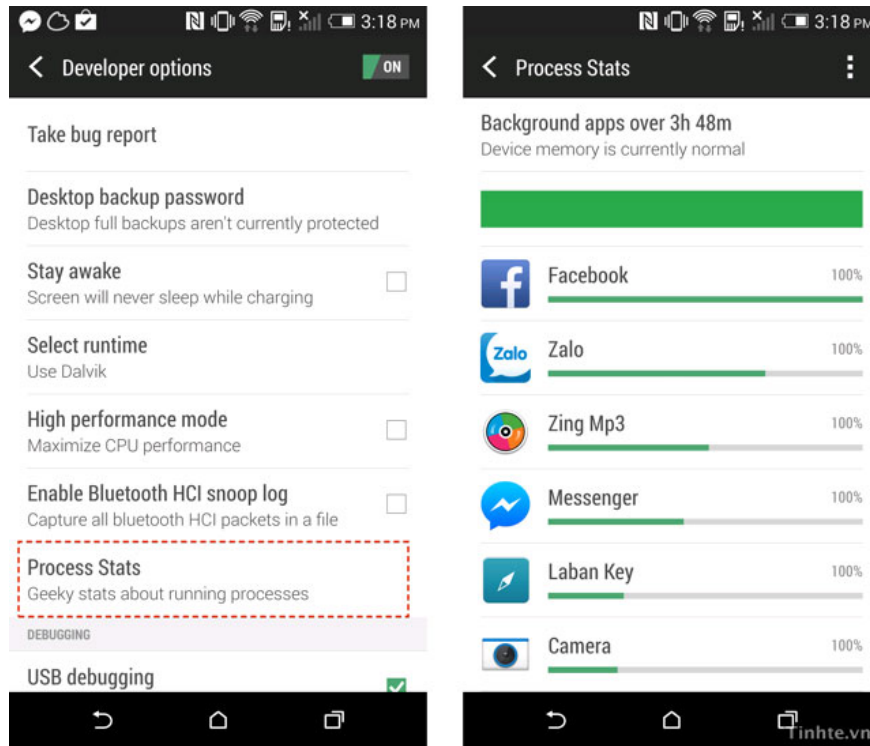
After installing and activating, these apps will automatically monitor your travel situation, how much to walk, how much to run, and then create an aggregate report that tells you about your training situation. I was in a certain time. Android KitKat itself will also record this information and display it to you at the end of each

month through Google Now, at which point you'll know how much you've walked the entire month.



## Process Stats

" *Process Stats* " (*ProcsStats*) is in the configuration for programmers on Android 4.4 KitKat. When you go to **Settings > Developer options > Process Stats** , we will be able to track which applications and services are active, how fast they are running, how much RAM is available and how much RAM is available. What is the bottle they use? When you see an app that takes up too much RAM, you can manually turn it off by selecting the app you want to close, pressing the '*Force stop*' button.



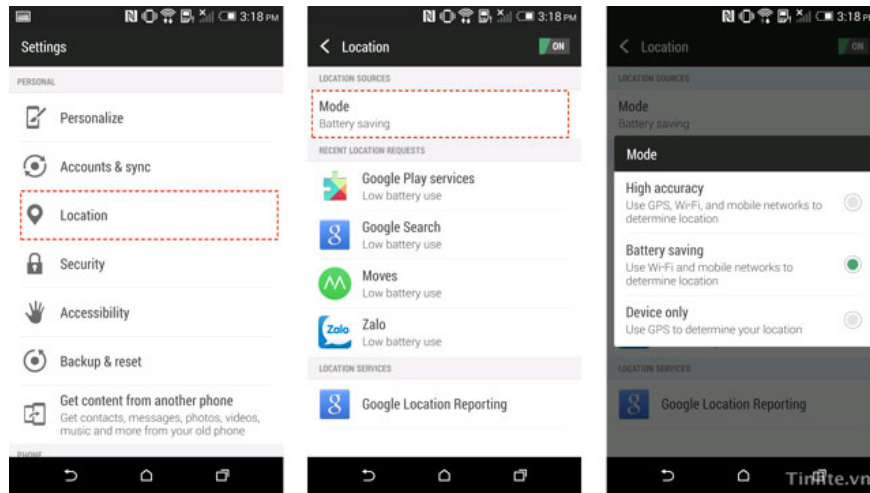
You can also select the **menu** button > **Stats type** to see statistics about the RAM consumption of the *background* software ( *background* ), run ' *floating* ' ( *foreground* ) or run as a process in the cache ( *cache* ) .

**Note:** If you have not seen **Developer Options** , go to **Settings > About phone / tablet > touch the Build Number** line from 5 to 7 times continuously.

## Three positioning modes

With previous versions of Android, determining your geographic location is based only on GPS or 3G / 2G, and this consumes a lot of energy, resulting in a drastically reduced battery life. Up to Android 4.4, we have up to three modes to navigate, and you can choose the one that's right for you by going to **Settings > Location > Mode**. These modes include:

1. **High accuracy:** combine GPS, Wi-Fi and mobile network to produce the most accurate results possible
2. **Battery saving:** use Wi-Fi and mobile network to locate, then it will save battery but the results are not as accurate as
3. **Device only:** only use each GPS to locate.

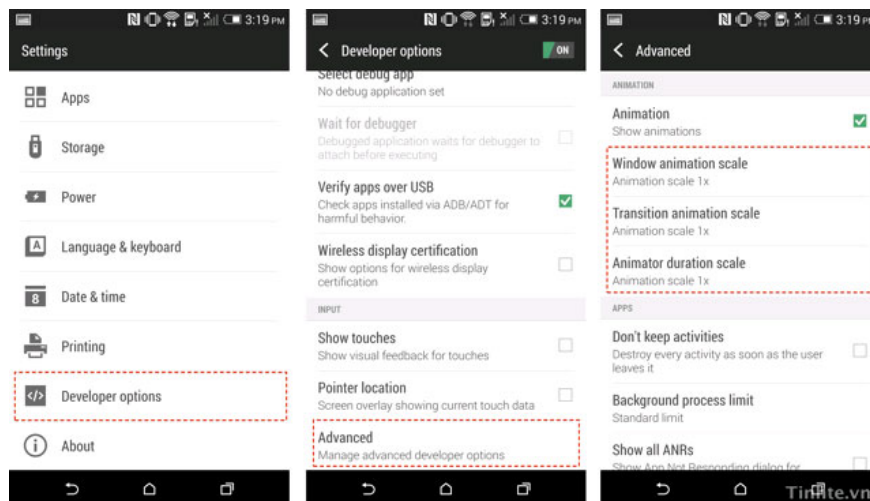


## Reveal the status bar in Immersive mode

Immersive is one of the new features of Android 4.4. If an application supports this mode, the status bar and virtual navigation bar (*if any*) will disappear so that the app has as much display space as possible. You can imagine it is like a full-screen mode that some Android software used manually. Once running Immersive, if you want the status bar / notification to appear again, just drag your finger from the edge of the screen to the end.

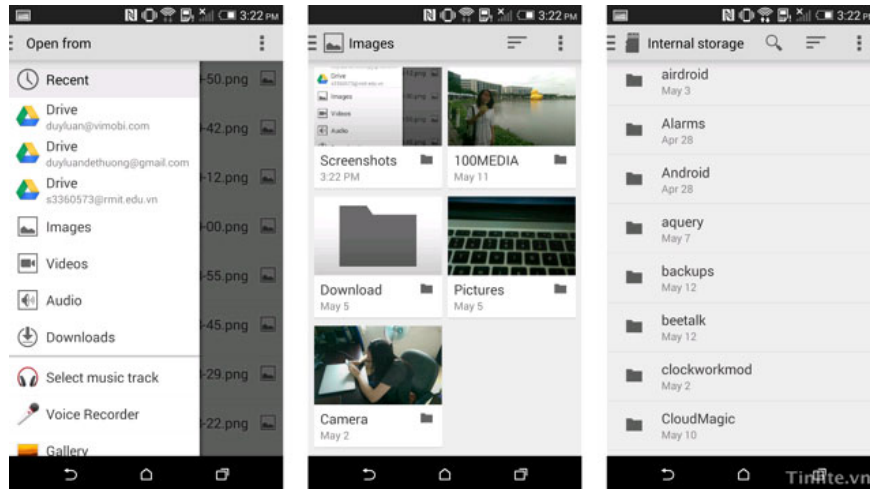
## Turn off the effect to speed up

For those who hate transitions, or if you feel your device is slow, try turning off the effect. Android 4.4 allows us to do this by going to **Settings > Developer Options > Advanced > Animation**. Here you can deselect all effects just by unchecking the Animation line. In addition, you can only remove the effects of windows (*Windows animation scale*) or when switching between interfaces (*Transition animation scale*) only.



## New file picker

This is one of the best improvements of Android 4.4 KitKat because it allows us to select files very easily and access to many different storage areas. Try running an application that needs to open the file, for example when composing a message with Gmail, select the menu button and click ' *Attach file* '. In the interface that opens (*the exact name is 'File Picker'*), we can choose our files from the Google Drive drives, browse the image / video / audio files stored on the device separately, Open the downloaded file. And yet, we also have an ' *Internal Storage* ' section so you can freely choose any file that is saved in the system. You are also allowed to choose built-in applications or third-party apps to browse files.

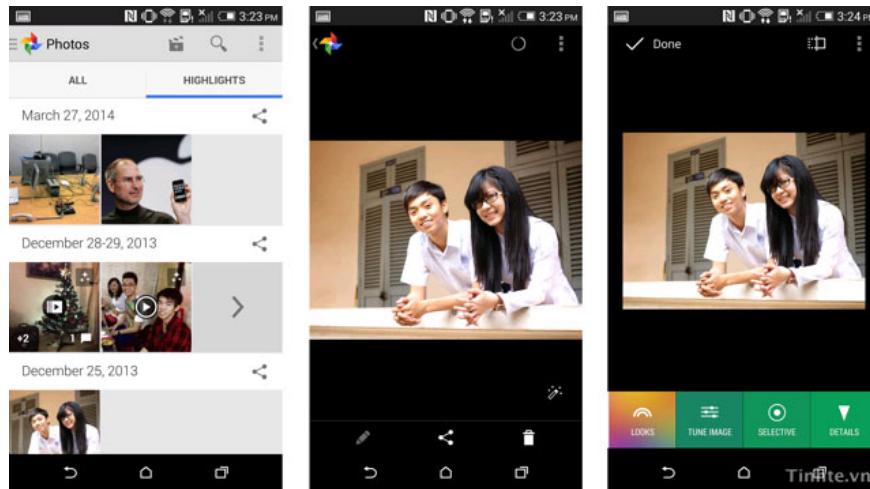


In previous Android versions, if you wanted to use a powerful File Picker like this, you had to install an app from the outside, but now it's available in the device. That's very wonderful! Note that if you cannot browse the file contained in internal memory or SD card, select File Picker menu button, check the ' *Display advanced devices* ' box.

## Where is Gallery application?

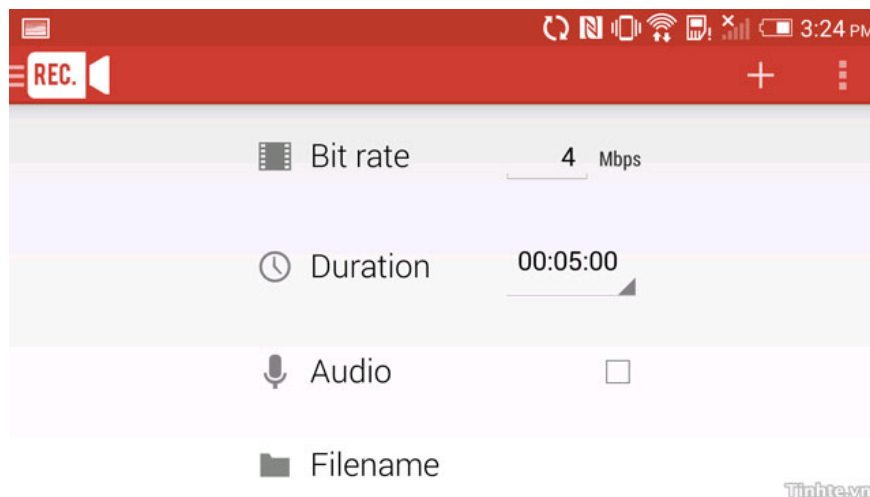
On some new devices ( *such as Sony Z Ultra, LG G Pad 8.3, HTC One M8 Google Edition version, or as on Nexus 5* ), Google has no longer integrated the default Android image viewer ( *Gallery* ) instead of Photos app from Google+. This is Google's latest attempt to more closely integrate its social network into Android, similar to the company's replacement of the SMS app with Hangouts. Google+ Photos has a brighter interface than the default app, in addition to supporting photos, it also allows automatic photo backups, smart photo tweaks, and Highlights videos with outstanding content.

**Note:** for those of you who like playing ROM, if you use the normal device but flash the Google Edition ROM, you will also lose the default Gallery and replace it with Google+ Photos.



## Record video screen

Screen video recording ( *also known as screencast* ) is one of the new features on Android 4.4 Kitkat, this feature is very useful if you want to show a feature or introduce certain software. With Android 4.3 and earlier, if you want to record video screen, we have to install other software from 3rd party. However, by default, Android 4.4 is not enabled with this feature, but Google only provides API and other Developers can develop their own tools. Currently screencast rom cook Android 4.4 like CyanogenMod or OmniROM will start to be equipped with screencast.



In case you do not use the ROMs, you can still use the software provided on Google Play to get the same feature, such as **Screenshot Ultimate Pro** , **KitKat Screen Capture** , **Rec ( screen recorder )** . However, these apps require you to have root access to record videos.

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