

How to clear the cache on Android to speed up your Android phone?

Clearing the cache on an Android phone is an easy way to free up space. It will speed up your phone and fix issues like frequent app crashes. Here's your go-to guide for everything related to app cache.



We have a long way from having a 4gigabytes memory size in the iPhone (1st Gen) to about 1terabyte of storage in the iPhone(13th Gen). The increase in storage has coincided with the rise in application sizes. The demand for larger and larger storage goes up with each passing day.

The result is that many people are in a tussle- they cannot download new files or install new apps, and everything seems to be broken. Your phone beeps, informing you there isn't enough storage now and then.

What can you do to resolve the problem? It depends on your situation. For instance, if you own an android phone, inserting a new SD card is recommended in almost all cases. However, if you already have put one or your phone doesn't support an SD card, one solution is clearing the cache.

Let's get into the business of everything related to cache without further ado.

What Is Cached Data?

Cached data consists of the files and information stored temporarily in a separate partition. It ensures that the user applications and browsers do not download information every time they load a process or a site - saving a ton of time. The data typically includes images, files, and scripts stored when the user opens an application or website for the first time.

The complexity of the browser cache is different from other applications. In this case, the domain name system caches DNS records to perform a faster website crawl. In the next step, the content delivery networks will store images and HyperText Markup Language files to load the website faster. In layman's terms, the browser saves information when the site is first accessed, making the access quicker and more efficient the next time.

What Happens After Clearing Android Cache?

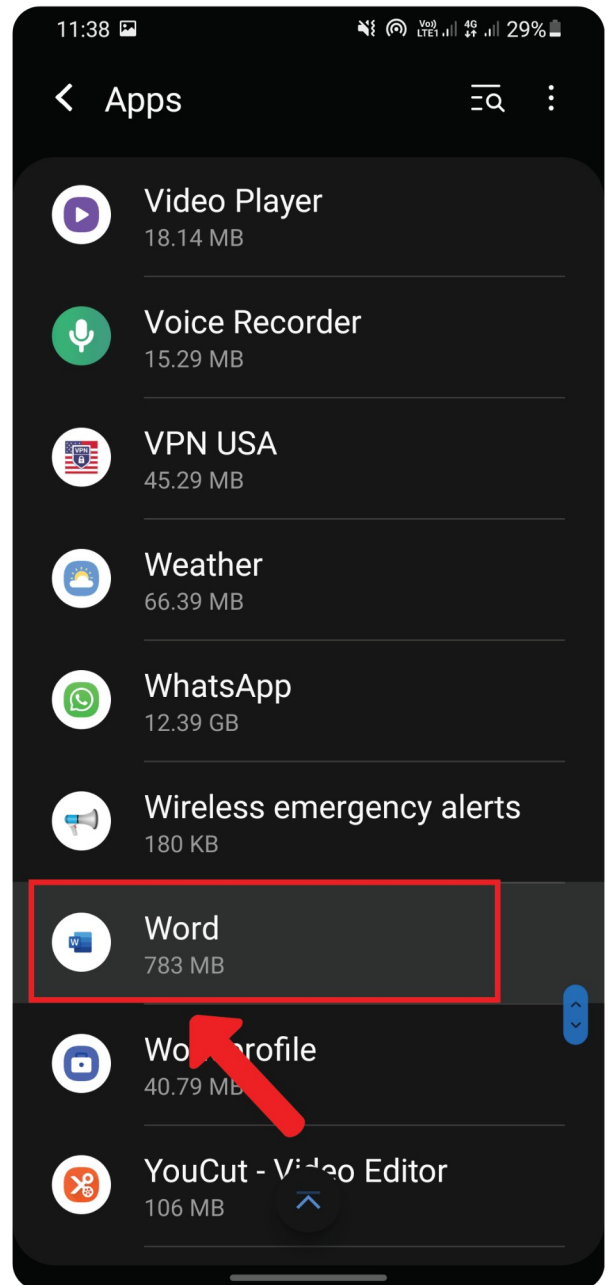
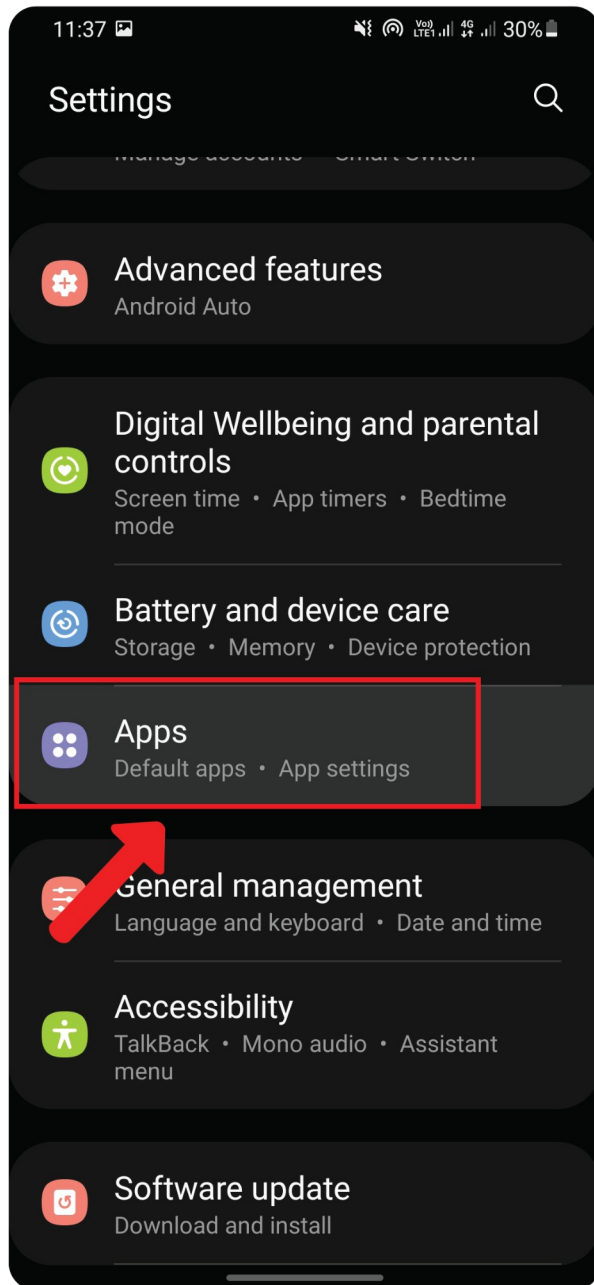
Your storage space will increase when you clear cached files from an application. The app will continue to function normally as default. However, your saved settings will erase, and the app speed will decrease.

Should you opt for clearing the app cache? There are both upsides and downsides to doing it. The advantage is that your phone will appear as though it is brand new, while the disadvantage is that clearing the app cache is always a temporary solution to storage problems. Your device will rebuild the cache over time based on your usage. Android already has an in-built mechanism to clear app cache as it builds up. Privacy-minded people prefer to clear app cache regularly.

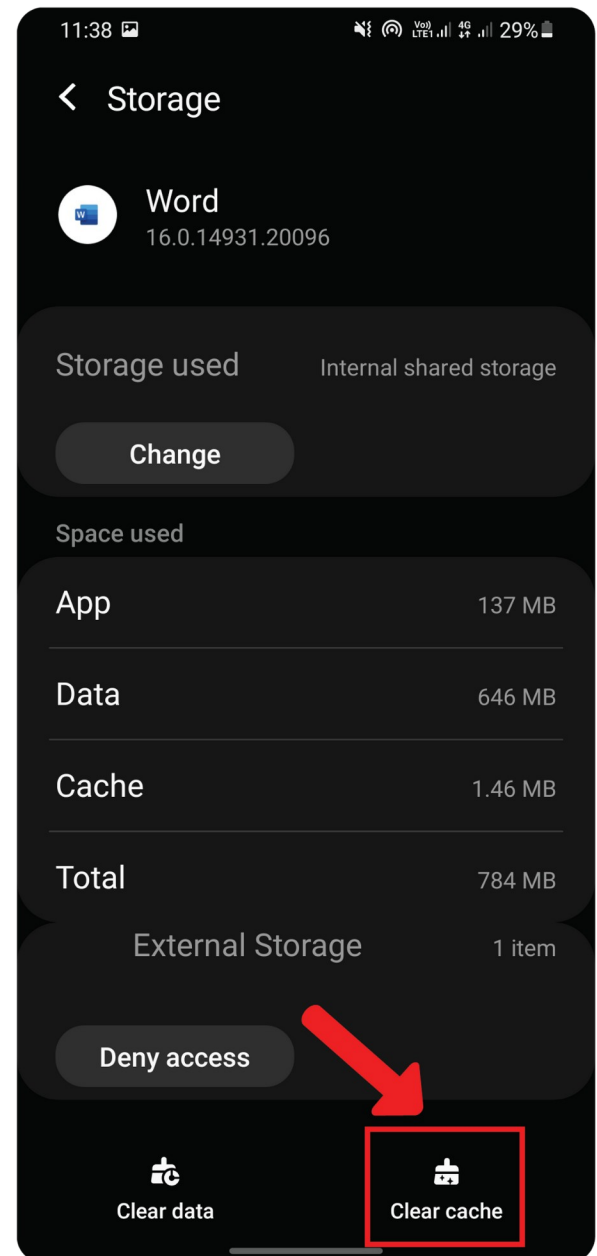
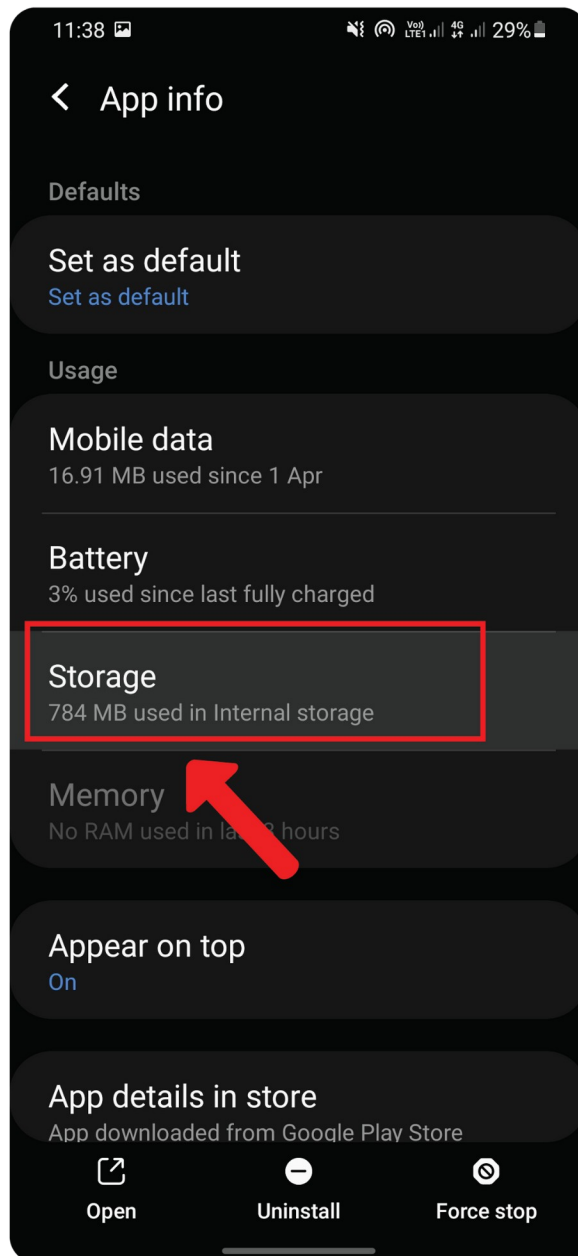
How to Clear the Cache on Android Devices?

If you have made up your mind that you will clear the app cache, then here are the instructions to remove the app cache on Android.

- Open Settings from the home screen and then scroll down to **Apps and Notifications**
- Tap on the app you want to clear. Let's say it is **Word**



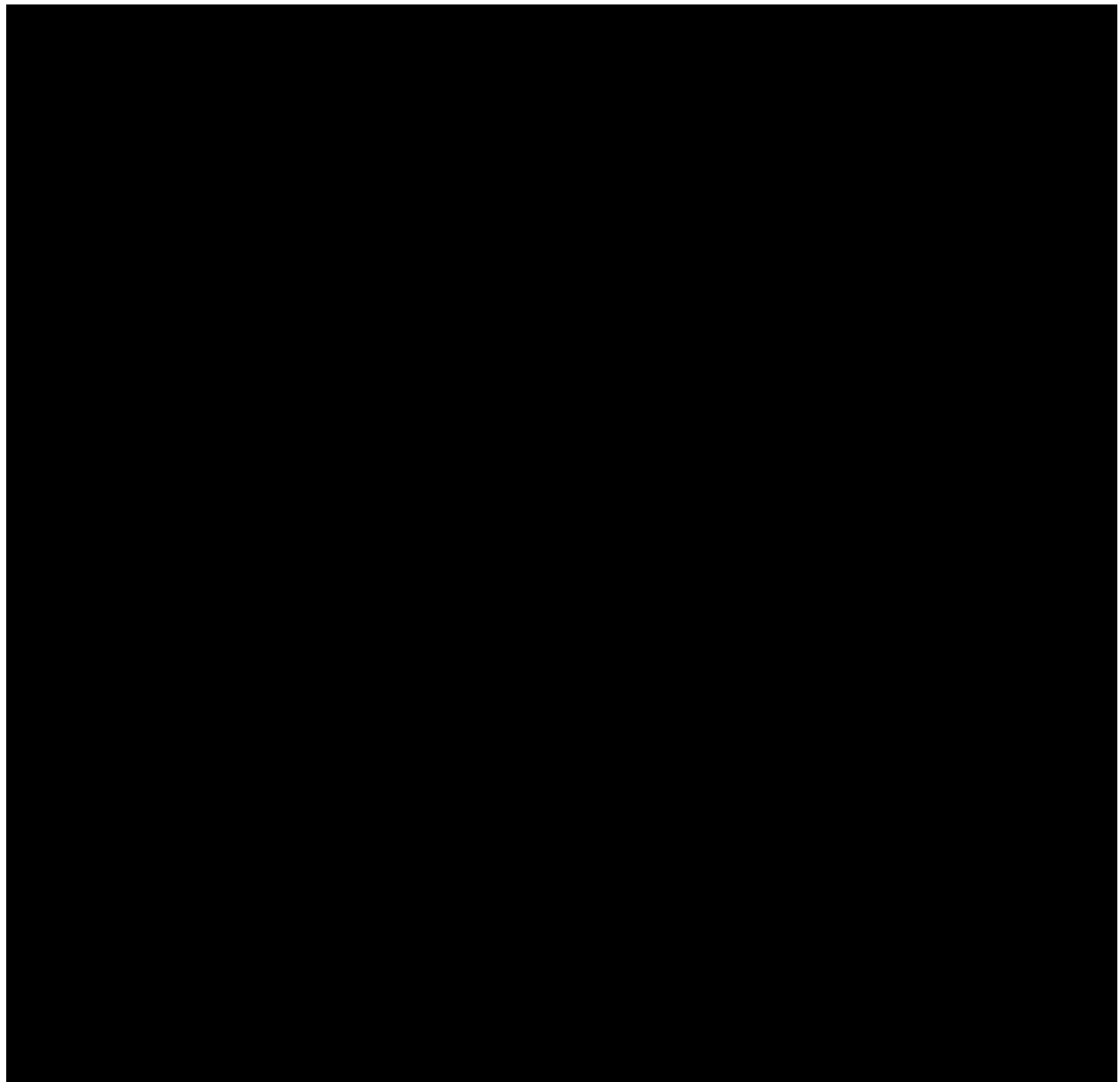
- Navigate to **storage** and then click on **Clear Cache** in the bottom right
- If a prompt appears, click **Ok**.



How does cache work?

Cached data is identified by the processor and stored in layers. The primary cache level has the central authority, while two or more secondary cache levels feed data to the primary level. The data stays at these levels until the need arises to relive the data. Cached memory may also be erased by the processor when the hard disk fills up.

The data transfer map shows that the files and applications in the hard drive send the information to the RAM, which is then perceived as cached memory by the processor. CPU uses the information when the need arises.



What's the difference between Cache and Cookies?

Cache	Cookies
Cache stores files like images, Javascript, CSS etc. for the long run	A Cookie stores browsing sessions and temporary tracking data for a short time
It consumes large space and expires manually	It takes less space and expires automatically
Cache is stored on the device only	Cookie is stored on both server and browser

There are no requests from the site to save cache	Sites ask to keep cookies
---	---------------------------

How to clear cache in Chrome?

Google Chrome is the default android web browser. Whenever you visit a website using google chrome, it saves images, videos, etc. Moreover, your passwords and any other login credentials are also held by Google Chrome.

As a result, when you clear both cookies and cache, all the information related to the website is erased. Websites will load at a slower pace, and all your data has to be re-entered.

However, if your phone is jampacked with files and storage is at its full, clearing cache and cookies along with all browsing history will help. Here's how to clear the chrome cache.

- Open the **Chrome** app and click on **More**, shown by three vertical dots at the top right corner
- Tap **History** and then swipe down to **Clear browsing data**
- Select the time range. Click **All time** to delete everything
- Check the boxes next to "**Cookies And Site data**" and "**Cached images and files**".
- Click **Clear Data**

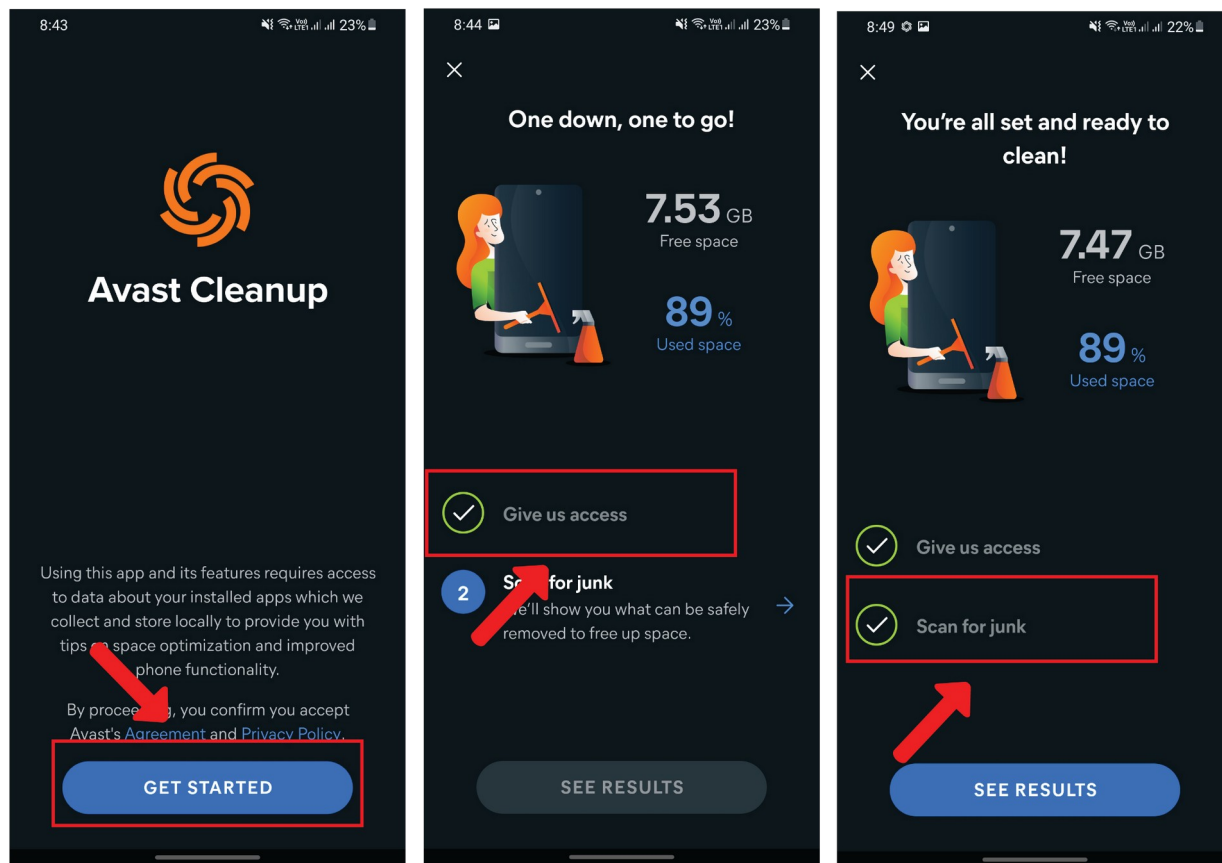
Clearing Phone Cache Using Third-Party Apps

You should always prefer the system software to clear cache and data. However, if clearing the cache using the system software does not affect device performance, you should try third-party apps to clear the cache. Additionally, third-party apps will automatically clear your cache in the background if you are constantly clearing your cache.

Automate the cache clearing process with Avast Cleanup

Avast Cleanup provides a one-click clear cache option for all your performance issues. The algorithm scans your phone and automatically clears all the unnecessary files. Here's how to clear cache using Avast cleanup.

- **Install** the application from the Google Playstore, wait for the download to complete and then click "**Open**"
- Tap on "**Get Started**". Provide file permission to the app by clicking "**Allow**"
- Click on "**Scan for junk**". Wait 2-3 minutes for the process to complete.

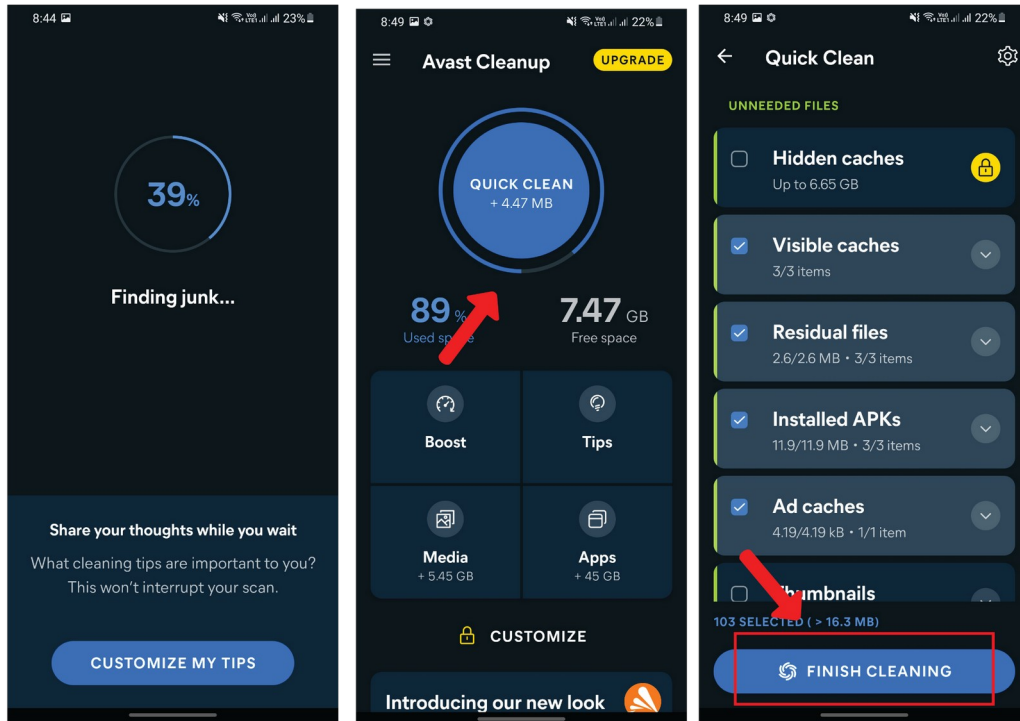


- Click “**Quick Clean**” to begin clearing the junk.

ProTip

Wait at least 5 minutes for the quick clean to complete. Don't worry if your device gets hot during the process.

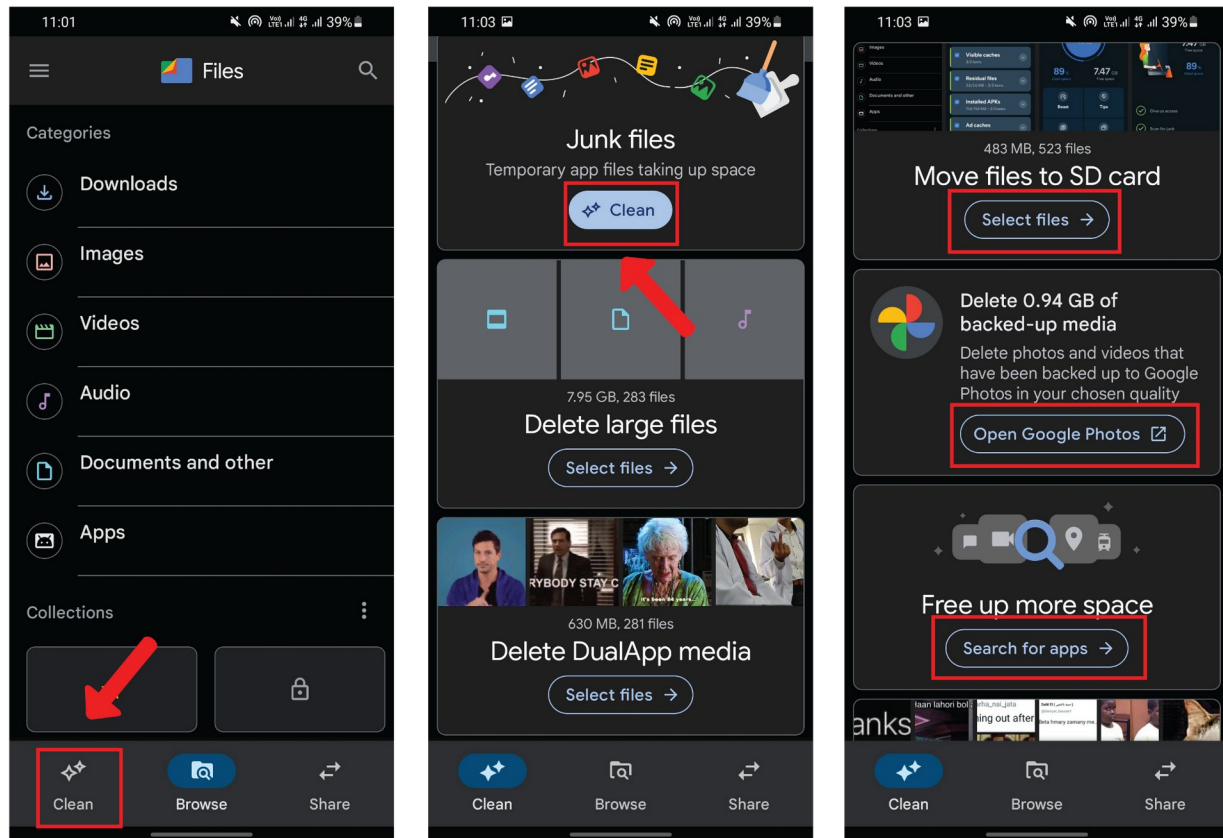
- Finally, tap “**Finish Cleaning**” to end the process.



How to use Files (Google) to clear cache?

Files is the file manager app released by Google, aiming to solve all your file-related issues. It makes your file management more accessible and helps clear all the unwanted files. Follow these instructions to clear the cache using Files Go.

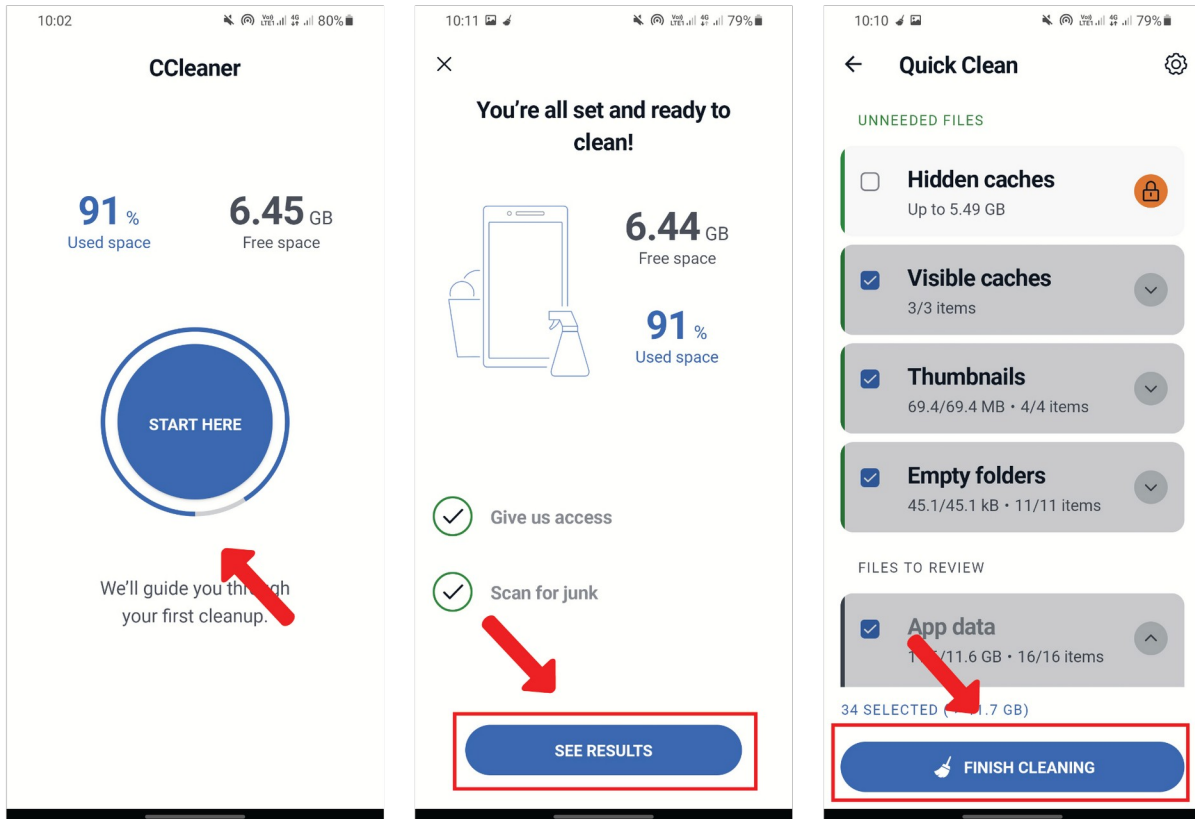
- Open **Google Play Store**, and search for Files. Verify if the app developer is **Google**.
- Click on the **Clean** tab at the bottom left.
- Google's Algorithm will create various suggestions according to your device. It will identify large files, dual app media, and Google Photos autosuggestions. Click **Clean** for **Junk files**. Select other options depending on your needs.



How to clear cache using CC Cleaner?

Last, if the above options didn't work for you or you want to go all-in with clearing cache, then CC Cleaner is your shot. Here's how to clear cache using CC Cleaner.

- **Download the application** from Google Play Store. Click **Open** after the install completes
- Tap **Get Started** and then click on **Go with Adds**
- Give the application **storage permissions** and **access to all files**
- Click on **Find Junk** and then go to **Start Here**
- Press **See Results**. The result of the analysis will appear.
- **Check** as many boxes as you can. Press **Finish Clearing** to end the process.



In a Nutshell

The demand for storage is ever increasing due to which we are always looking for efficient ways to utilize it. If you're one of those people who have plenty of storage then clearing cache from system software would work fine for you. However, if you are always low on storage, install a third party app right away. It will regularly clear your app cache and keep cache in check in the background.

Leaving it here with a hope that your phone storage never gets low.

Frequently Asked Questions

Will clearing cache delete pictures?

Clearing cache will not clear your files like pictures and videos. Cached data includes temporary files that are deleted once you clear your cache. As soon as you remove the cache, all picture thumbnails are deleted and recreated once the app is relaunched.

What is the difference between clearing data and clearing cache?

Clearing the cache only deletes the temporary junk files and folders, while clearing data deletes all the cache and the login information, databases, histories, and other user settings.

Is clearing system cache safe?

Clearing the cache does not affect any system files or folders. It only deletes the temporary files associated with the application. Therefore, removing the system cache is a safe procedure.

Should I clear the cache every day?

There is almost no noticeable advantage of clearing cache every day. Since cache piles up in weeks and months, clearing the cache every day will delete very little data. You should remove the cache after some months to significantly increase device performance.

Why do social media apps require a lot of cache?

Social Media apps like Instagram, Facebook, and Youtube are image and video rich applications. Moreover, a lot of redundant information is stored, which takes a lot of room. All these factors increase the cache and the app size drastically.