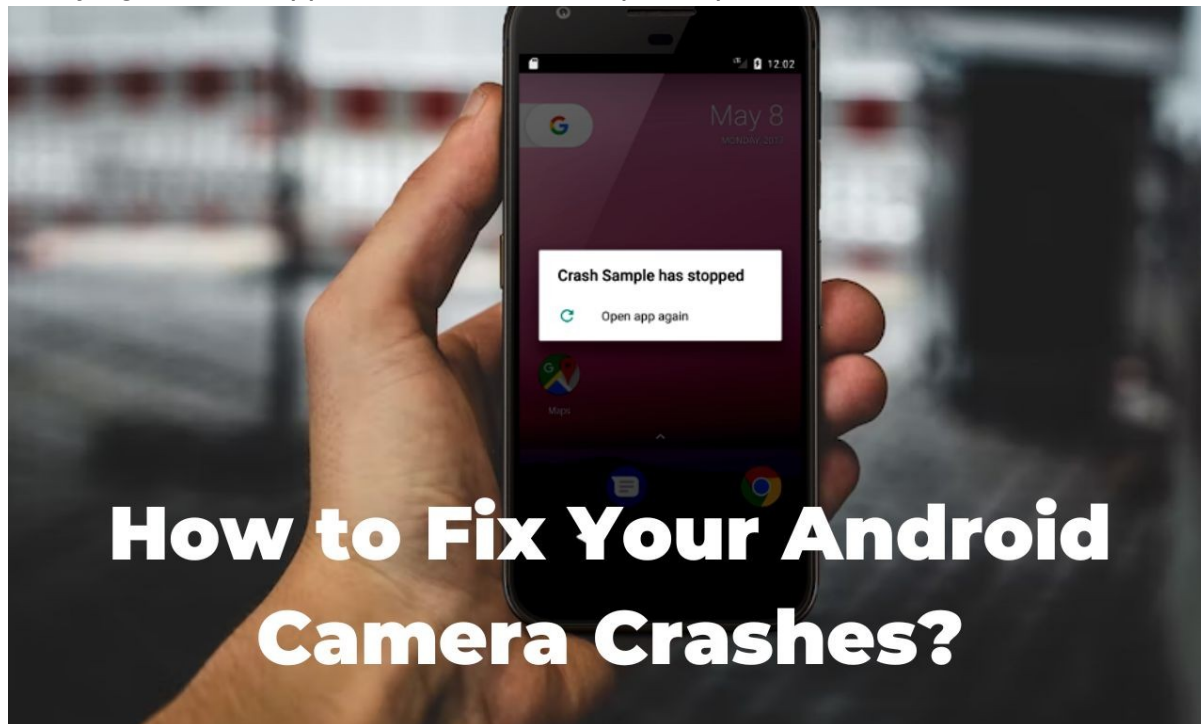


# How to Fix Your Android Camera Crashes? A Detailed Guide

*Android camera crashes are a very annoying problem that can happen to the best of us. A camera crash could occur during a photography session, which is quite annoying when it happens. Let's fix it in simple steps.*



The built-in android camera app works seamlessly on all android devices without any crashes or unusual shutdowns. However, if you own an old Android phone, then you may notice that the android camera crashes when you try to take pictures, or sometimes it fails to start.

Android camera crashes can become a real headache, especially when you are about to tap a precious moment and the camera fails to start. If you are frustrated due to your android camera crashing, read till the end. This article reveals seven fixes to help you eliminate this issue.

## Why My Android Camera Crashes Suddenly?

Android camera crashes are one of the issues that Android users frequently face. The percentage of this issue is higher in Android users who have old Android devices. Your Android camera crashes suddenly due to these possible issues:

- Corrupt Cache or data files.
- Full device Storage
- Bugs or temporary files
- Limited Usage Permissions
- Camera Setting Fault
- Dual camera applications
- Third-party Apps installed on the device

- Outdated Software
- Overheating due to continuous gaming
- Mechanical injuries
- Corrupt Camera Application

## How to Easily Fix Your Android Camera Crashes

Android camera crashes problems can be resolved without taking the phones or laptops to the tech experts because you can fix them on your own. Here are some simple troubleshooting steps and fixes that you can apply to make your Android camera work seamlessly.

### 1. Reboot the Phone

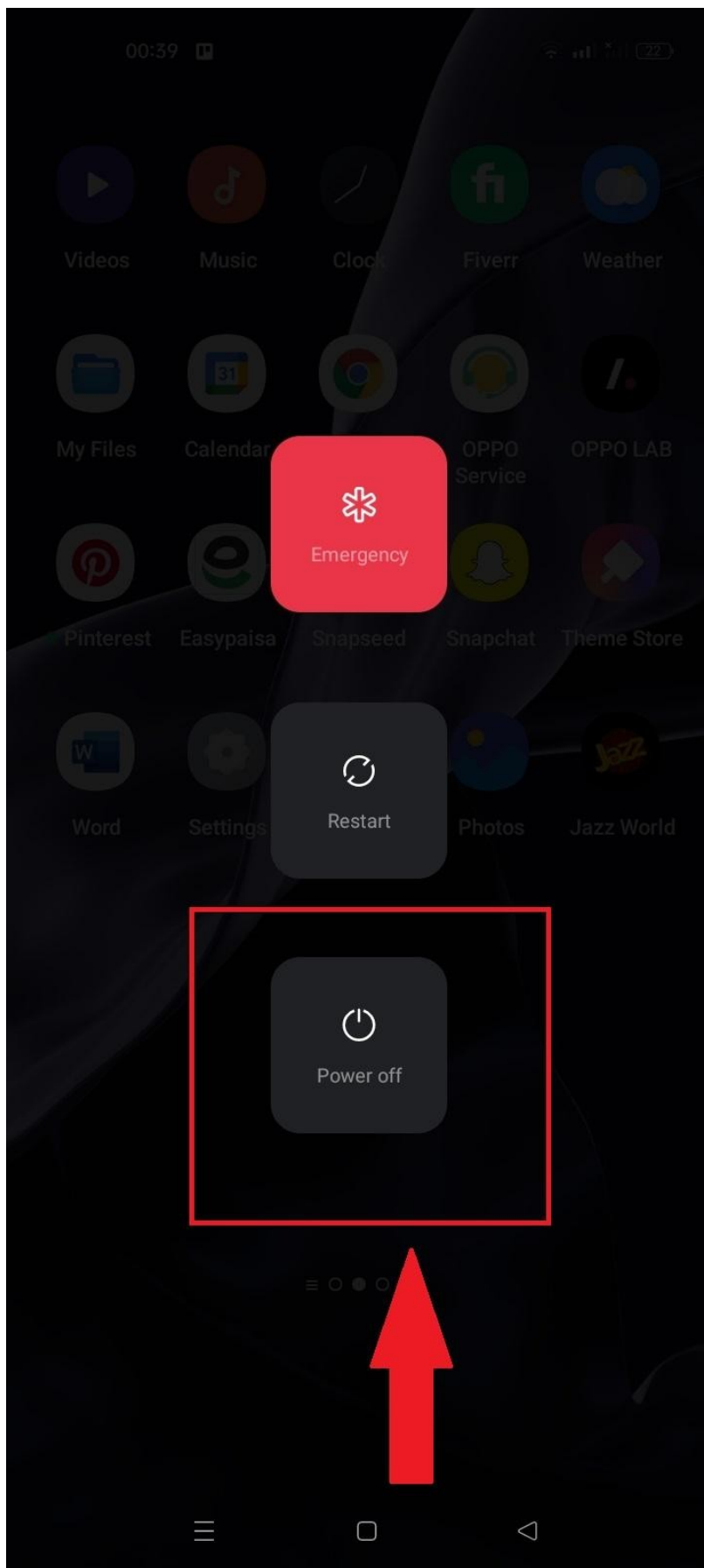
Several glitches and bugs can cause android camera crashes. The best way to fix them is to restart your phone to get rid of issues that you face often. Restarting can remove the bugs that interfere with the normal functioning of applications and cause camera issues.

To reboot your device:

- Long press the power button opposite to volume keys.



- Tap on restart from the power menu.

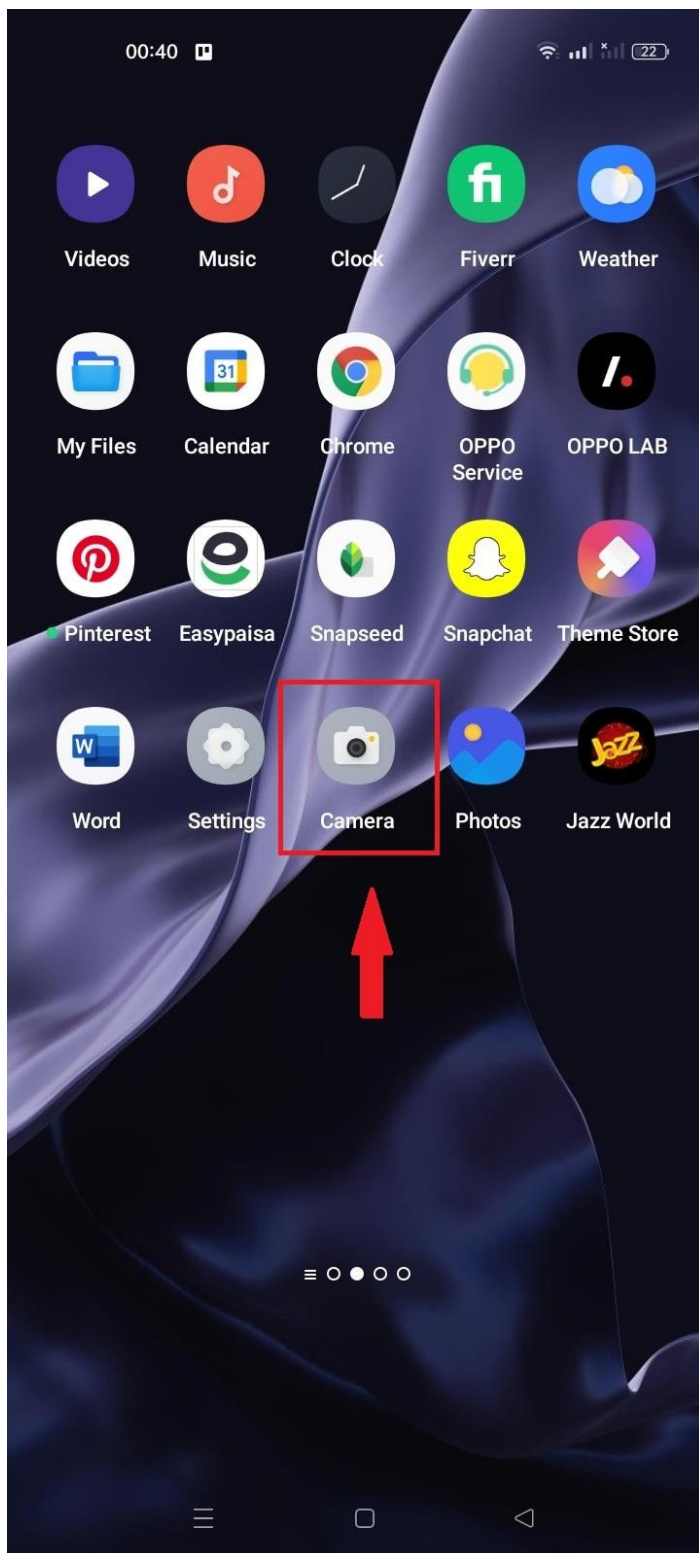


## 2. Reset camera app to factory default settings

Sometimes faulty camera settings can cause Android camera crashes. You can't fix each setting one by one because it would take a lot of time and may stay useless because you don't know the exact issue. So, resetting all to default can help.

Follow these fixes to fix Android camera crashes by Default setting reset.

- Open the camera on your Android device.



- Go to settings.



HDR  
AUTO



16:9



Timer



Settings



1X



VIDEO

PHOTO

PORTRAIT

M



- At the bottom, locate the restore default settings.

00:40



## ← Settings

### PHOTO

#### Shooting methods

Tap to capture, Show palm



#### AI scene recognition



### VIDEO

#### High efficiency video

Record videos in high-efficiency video coding format (HEVC) to save space. You may not be able to play HEVC videos in some apps or operating systems or share them on social media.



### USEFUL FEATURES

#### Volume button action

Shutter

#### Quick launch

Double-press either volume button to launch the camera when the screen is off. (Not available during audio playback)



#### Quick-share & edit

Swipe up on the thumbnail image in the lower-left corner to show sharing and editing options.



#### Show dirty lens warning



Restore defaults

About





- Tap on Restore default settings.

00:40

22

## ← Settings

### PHOTO

#### Shooting methods

Tap to capture, Show palm

#### AI scene recognition



### VIDEO

#### High efficiency video

Record videos in high-efficiency video coding format (HEVC) to save space. You may not be able to play HEVC videos in some apps or operating systems or share them on social media.



### USEFUL FEATURES

#### Volume button action

Shutter

#### Quick launch

Double-press either volume button to launch the camera when the screen is off. (Not available during audio playback)



#### Quick-share & edit

Swipe up on the thumbnail image in the lower-left corner to show sharing and editing options.



#### Show dirty lens warning



Restore defaults

Cancel

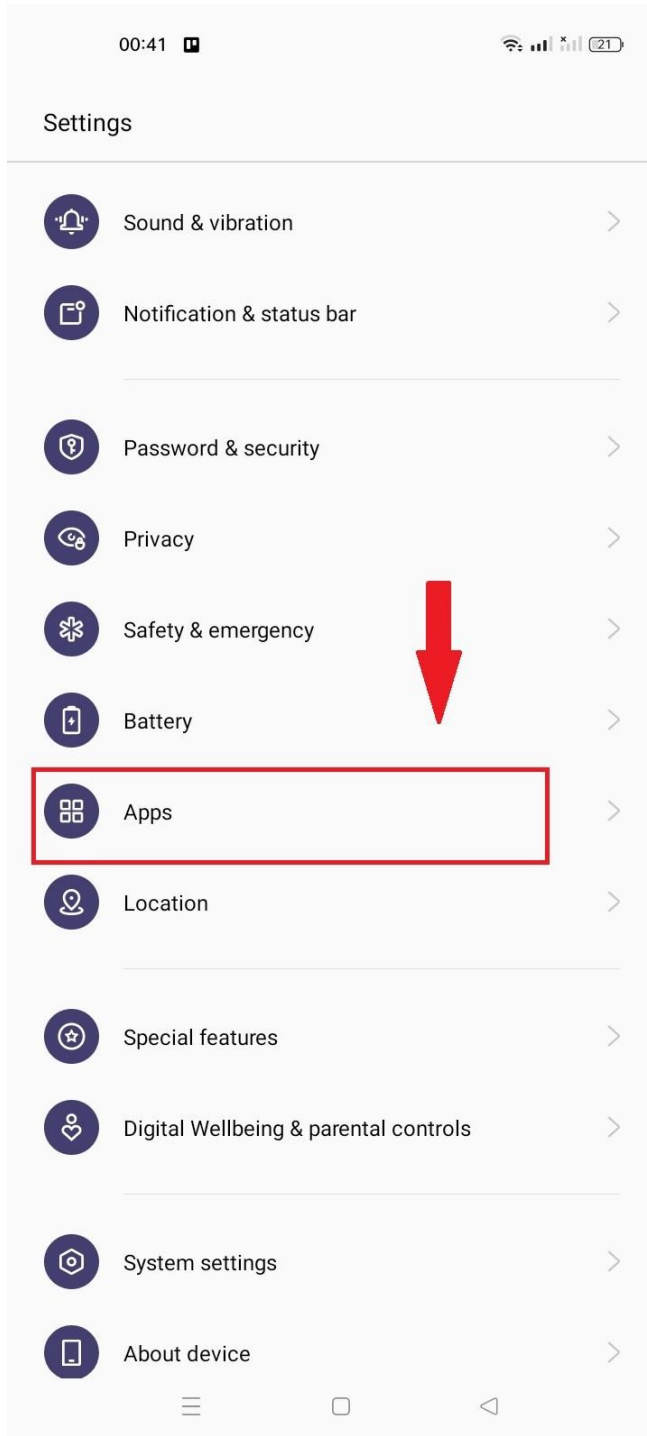
- Check if the camera starts working without crashing.

### 3. Check For Camera Permissions

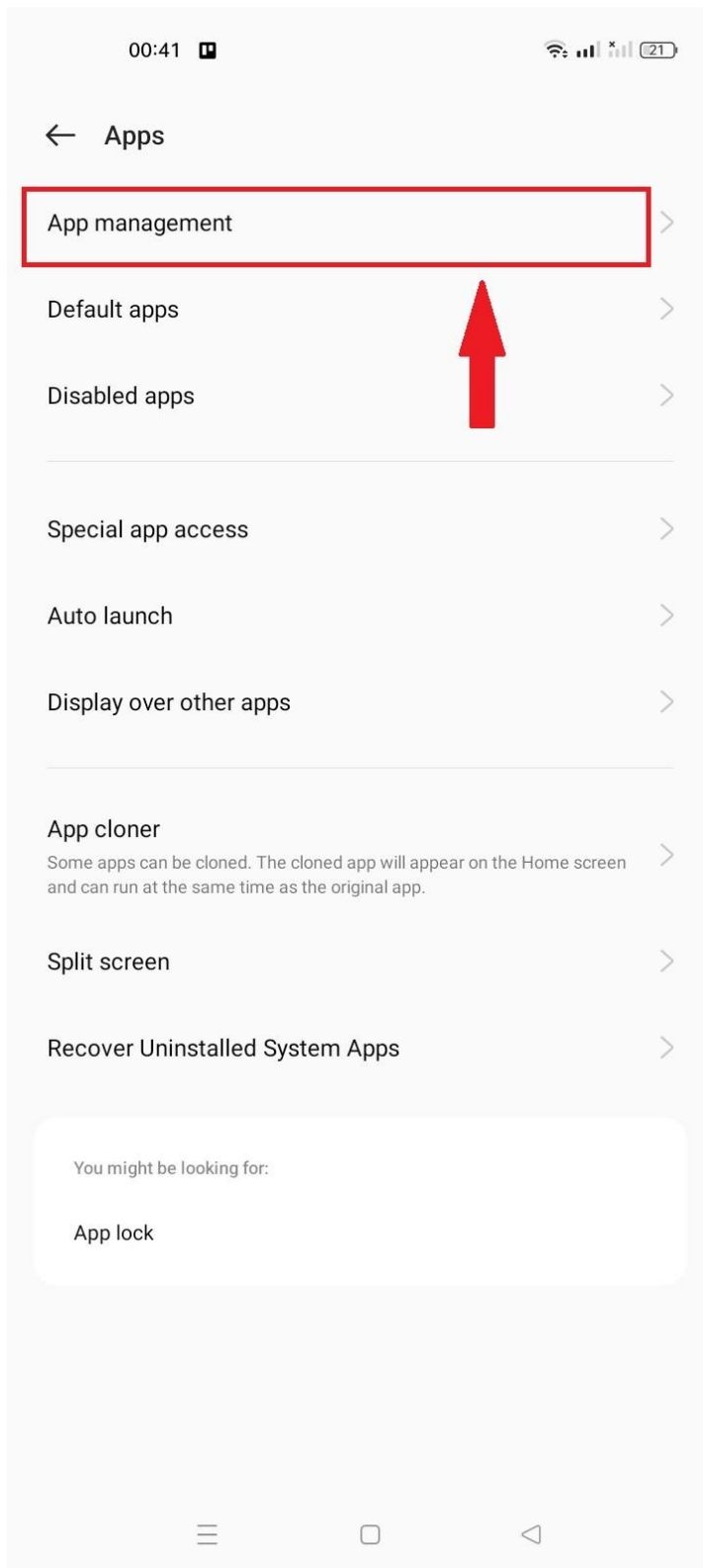
Android camera crashes occur when the camera app is not allowed to have access to storage, or some other application does not have permission to use the camera. To fix the issue, you must check for permissions.

Follow these steps to apply this fix:

- Open Settings and go to Apps.



- Tap on App management.



- Go to the camera and tap on permissions.














00:42



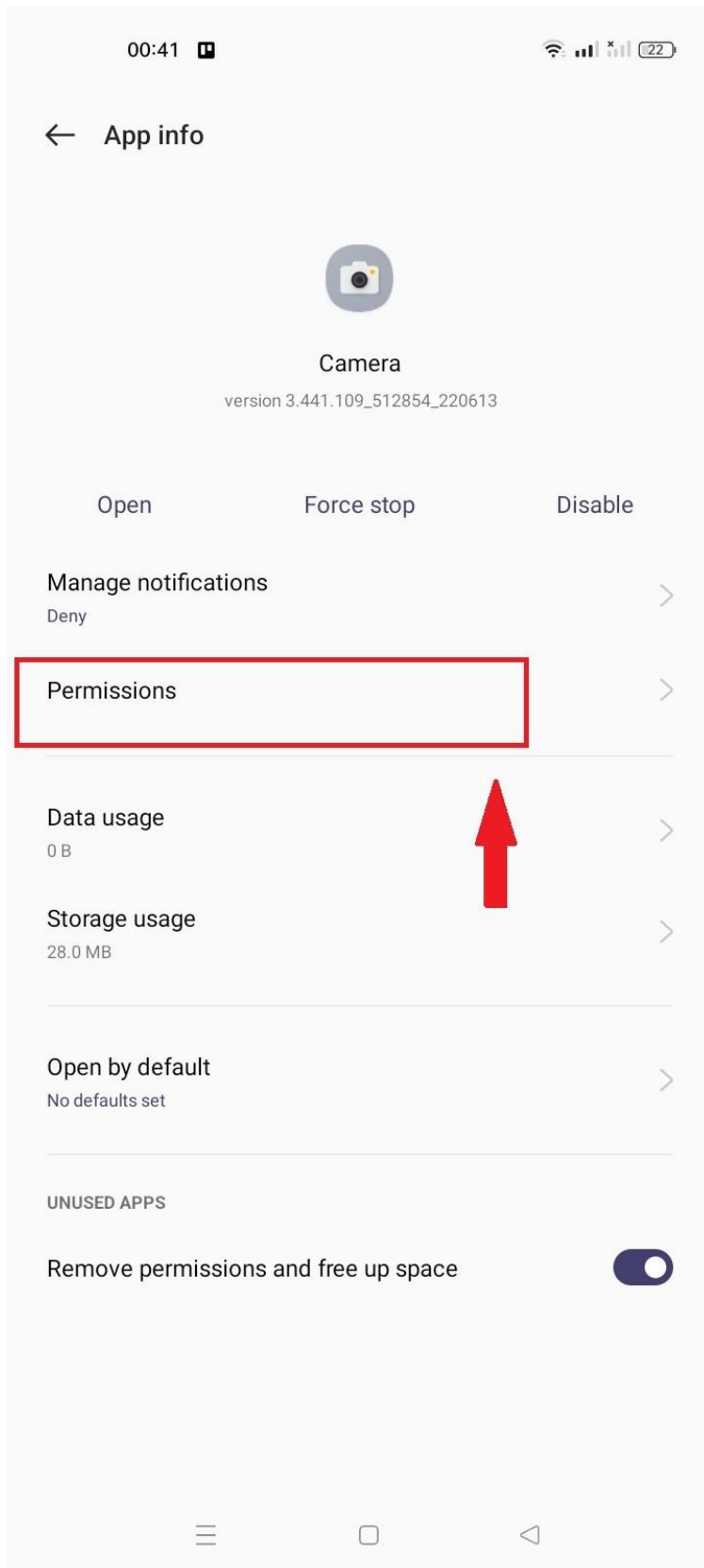
## ← App management



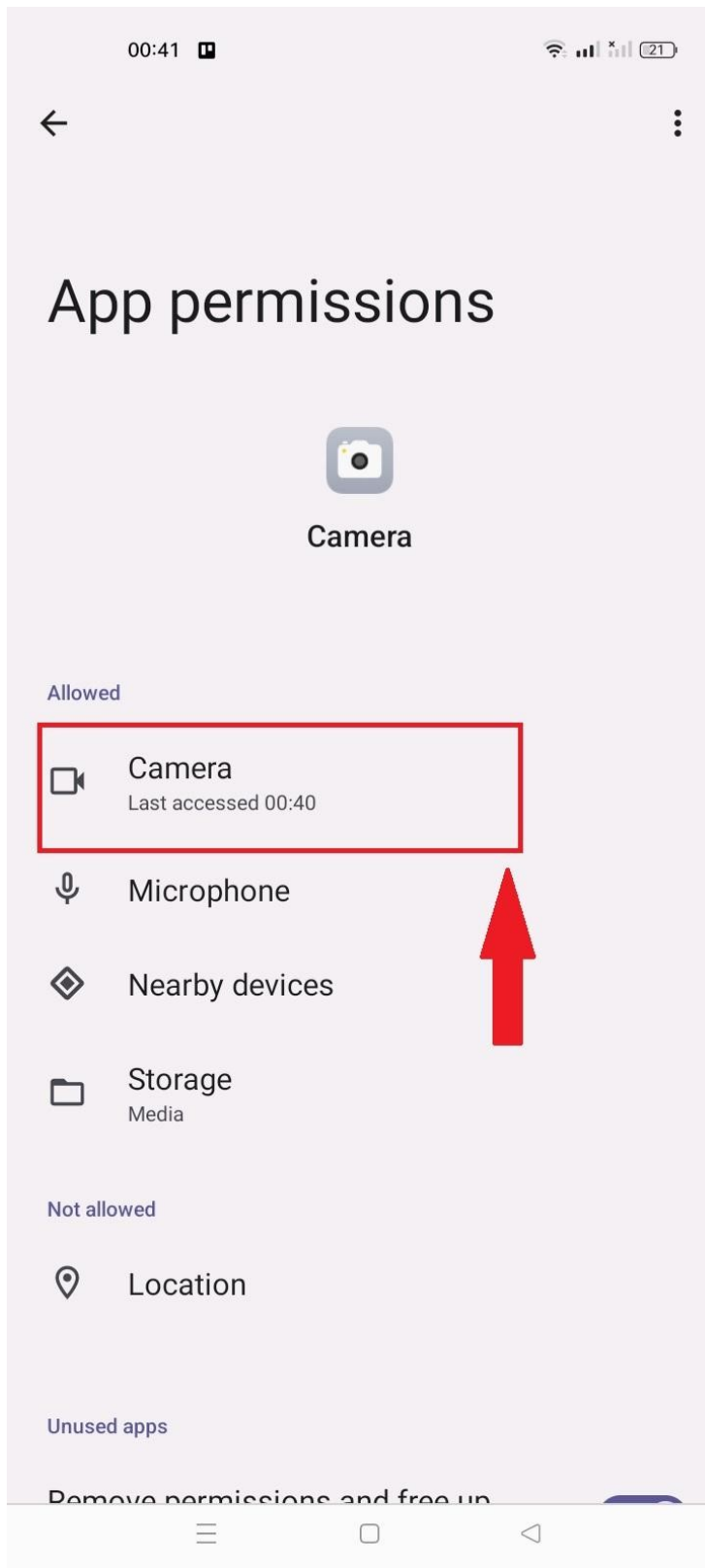
Search 79 items

-  Android Accessibility Suite >
-  Android Auto >
-  Android System WebView >
-  Assistant >
-  B612 >
-  Calculator >
-  Calendar >
-  Camera >
-  Carrier Services >
-  Chat >
-  Chrome >
-  Clock >
-  Clone Phone >

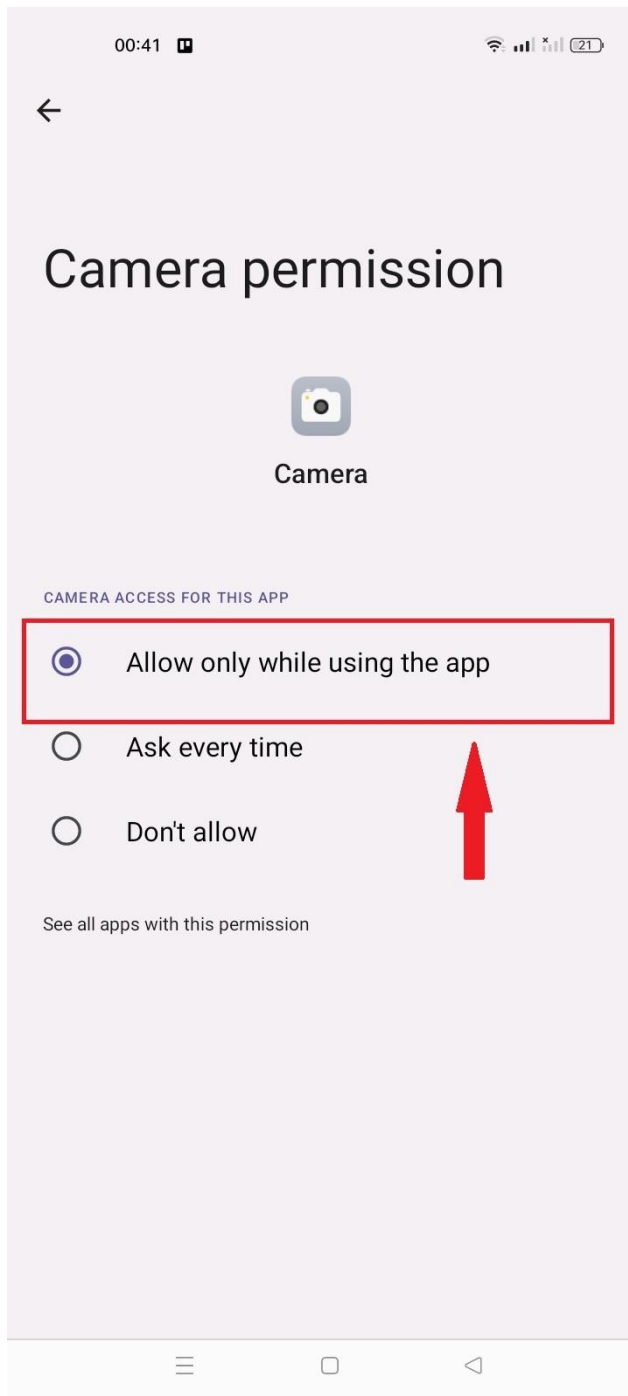




- Tap on the camera.



- Select Allow only while using the app.



#### 4. Uninstall Third Party Camera Apps

Sometimes, [third-party applications](#) with permission to use your primary camera can cause your original camera to crash. The only way to get rid of this issue is to uninstall these applications, especially the recently installed apps.

Follow these steps to uninstall third-party camera applications.













- Go to settings from the home screen.
- Locate apps and tap on it.



00:41

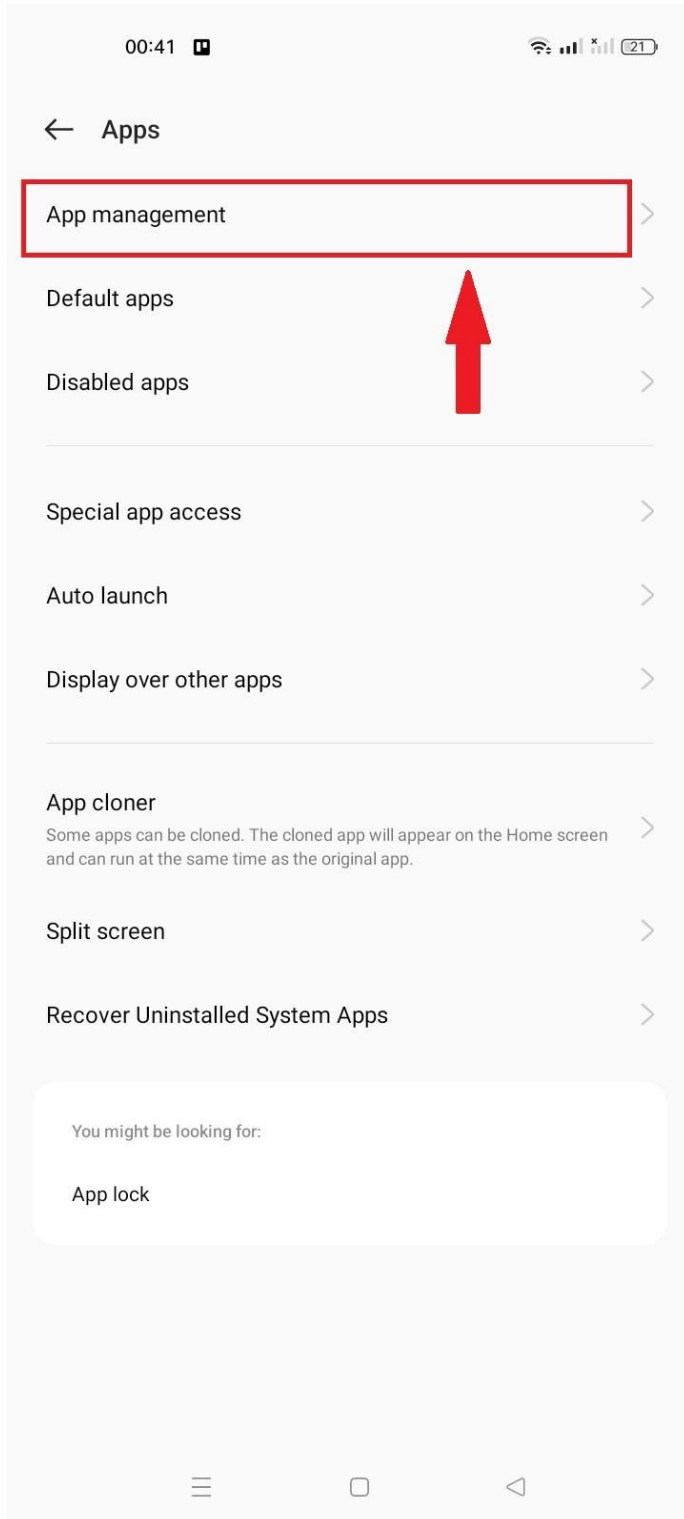


## Settings

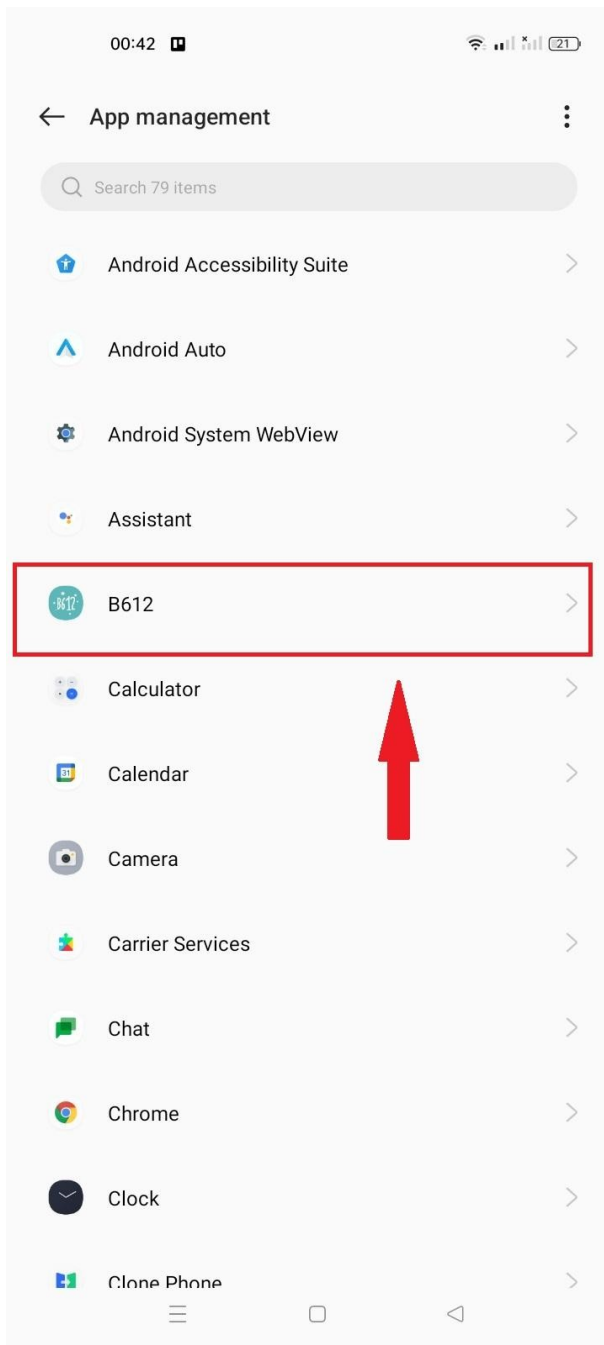
-  Sound & vibration >
-  Notification & status bar >
-  Password & security >
-  Privacy >
-  Safety & emergency >
-  Battery >
-  Apps >
-  Location >
-  Special features >
-  Digital Wellbeing & parental controls >
-  System settings >
-  About device >



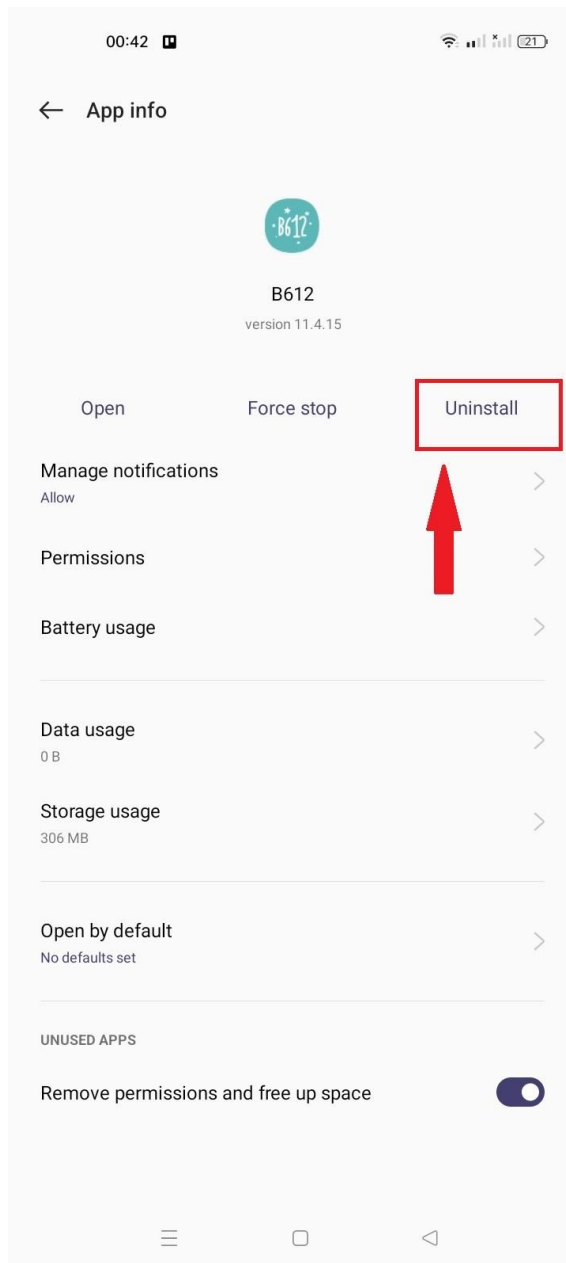
- Go to App management to open the application manager.



- Find a third-party camera application in the list of applications.



- Tap on uninstall.



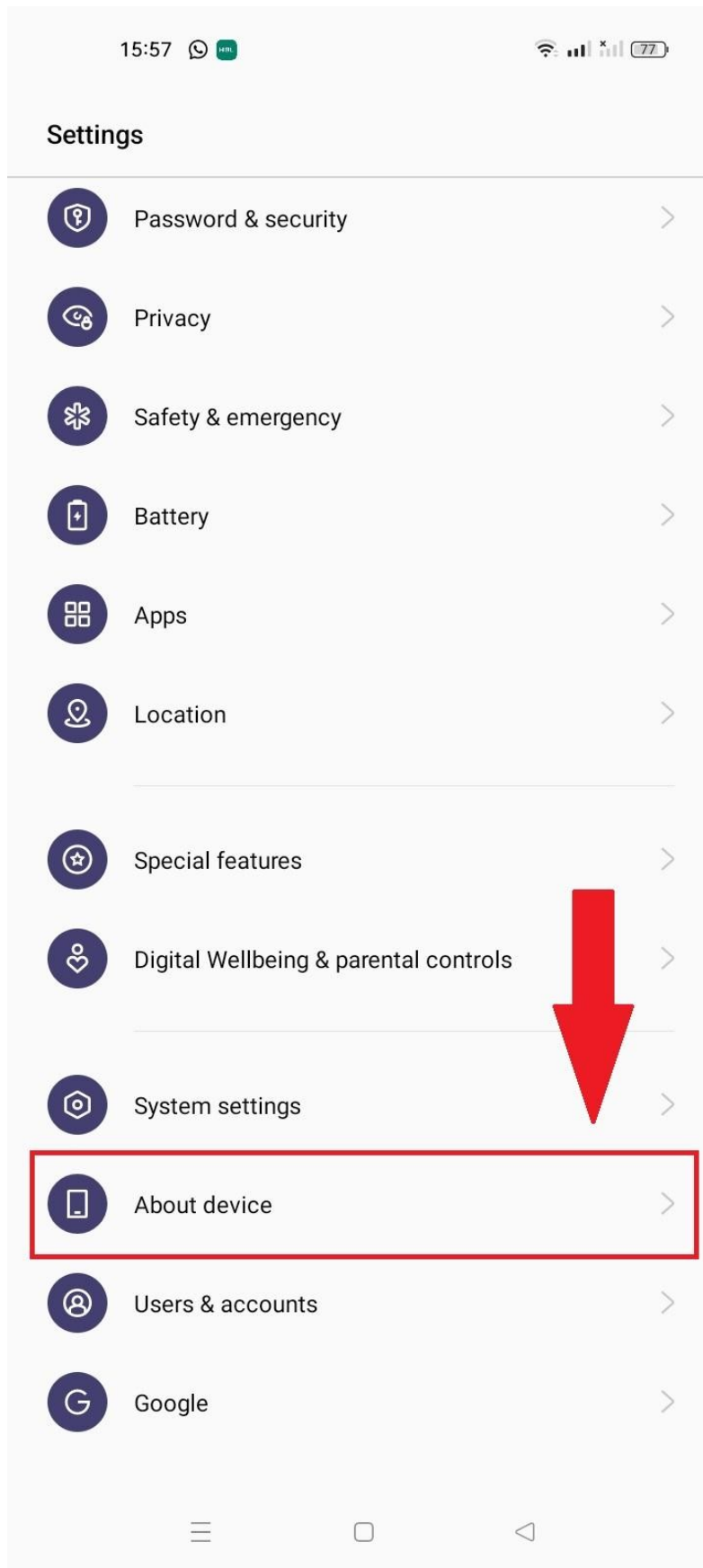
## 5. Free Up Your Phone's Storage

You can face Android camera crashes if your phone or tablet has reached total storage capacity. A certain amount of free storage is necessary for the applications to work smoothly. If the storage is full, Android devices show a warning and start lagging, due to which the phone camera crashes.

In case of low storage space, you will also observe that other applications that you use on Android devices also behave differently. You can fix it by removing unwanted files and applications from your device's memory.

To clear the storage of your device, follow these steps:

- Go to settings and tap on About device.



- Tap on storage.

15:57



## ← About device



Up to date  
Official versions



Device name  
OPPO A53



Storage  
44.0 GB used/64.0 GB

RAM

4.00 GB

Processor

Qualcomm SM4250  
Octa-core

Model

CPH2127

ColorOS version

V12.1

Android version

12 >

Version >

Legal information >

Status >

Instructions >



- At the bottom of the page, you will find a button reading clean. Tap on it.

15:58









76

## ← Storage

0%

Calculating...

Calculating...

-  Images  
4.91 GB >
-  Videos  
2.40 GB >
-  APKs  
155 MB >
-  Apps  
Calculating >
-  Documents  
104 MB >
-  Audio  
145 MB >
-  Other  
Calculating
-  System  
Calculating

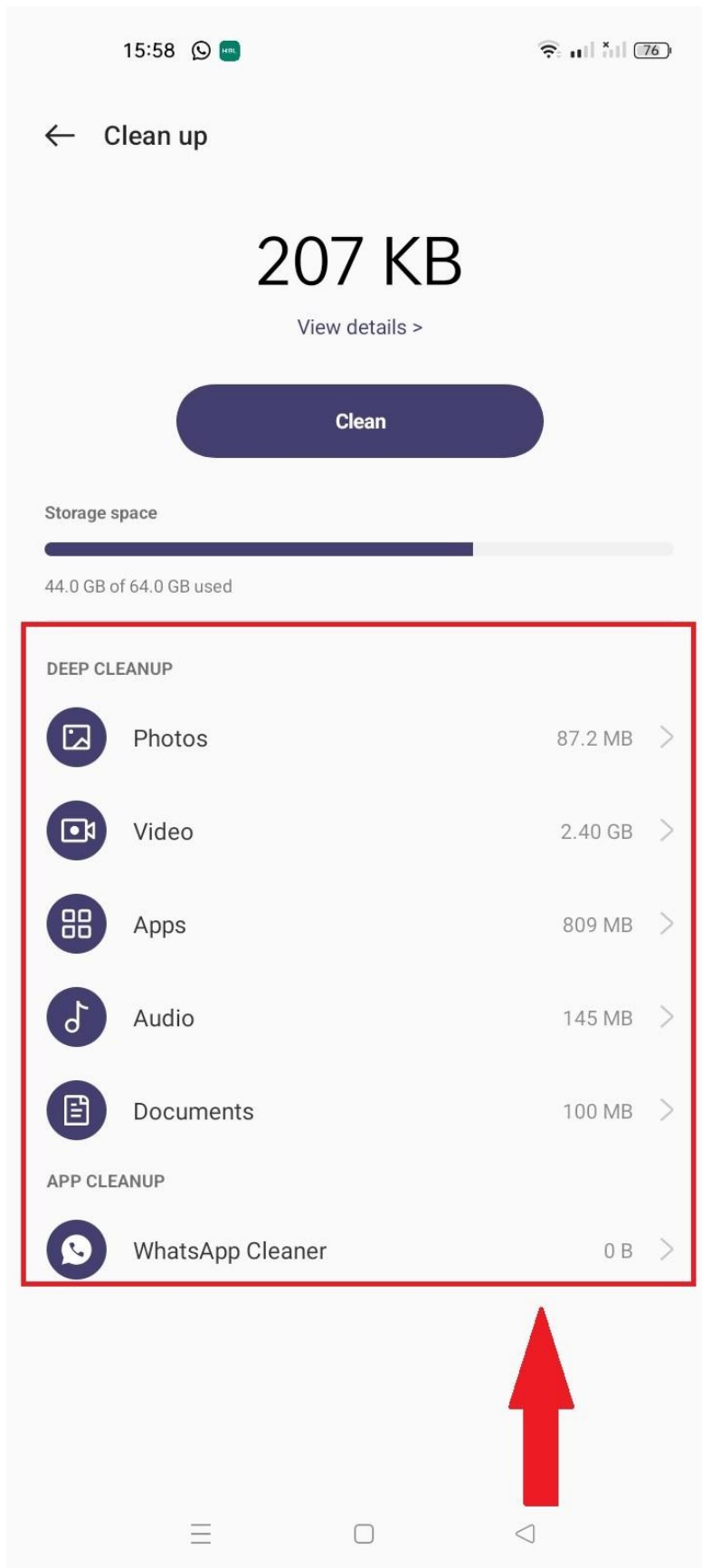


Clean





- You will see the memory that different media and applications are using. Uninstall some apps or delete some photos or videos to free up the storage.



**Pro Tip:** Transfer your videos or photos to a laptop or computer to avoid losing data. Moreover, try to do it frequently to keep your device memory free, especially if you own a phone with low storage capacity. You can also clear storage as a fix.

## 6. Force Stop

You can fix android camera crashes by force stop and letting the camera application have a fresh start. This will remove the bugs that can lead to camera crashes and let it run without a flaw.

To force stop the camera app:

- Tap on the settings icon and tap on apps.
- Find the camera and tap on it.
- Tap on force stop on the right side of the page.

15:59

76

← App info



Camera

version 3.441.109\_512854\_220613

Open

Force stop

Disable

Manage notifications

Deny

Permissions

Data usage

0 B

Storage usage

28.1 MB

Open by default

No defaults set

UNUSED APPS

Remove permissions and free up space

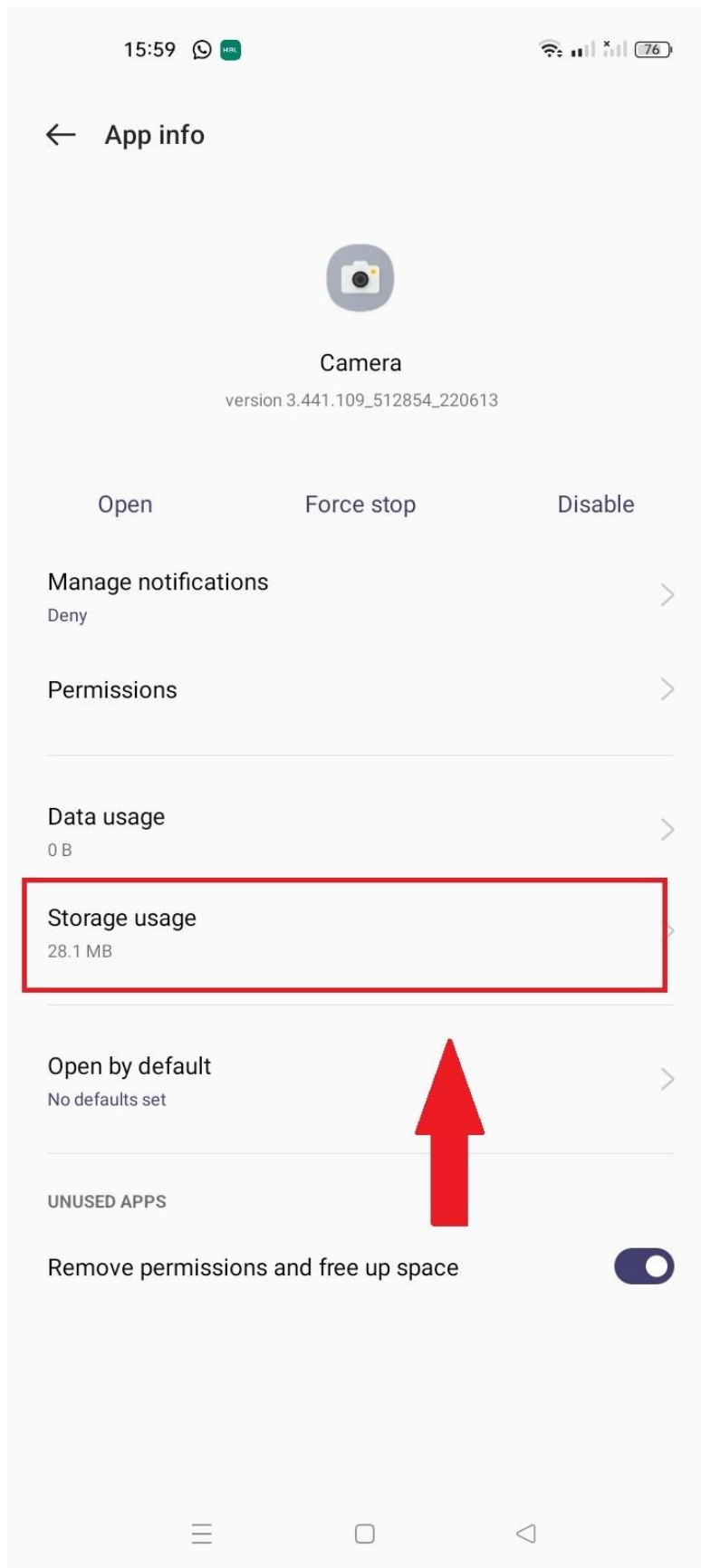


## 7. Clear Cache Files and App Data

If the force stop option fails to work against crashing issues, you can wipe the cache partition and erase data to remove the temporary files stored on your device. Some of these files might get corrupted and prevent applications from working properly.

To fix android app crashes by clearing cache and camera app's data, follow these steps:

- Go to settings.
- tap on Apps.
- Go to App management.
- Find the camera and open it.
- Tap on storage usage.



- Tap on clear data

15:59



## ← Storage usage



Camera

3.441.109\_512854\_220613

Total	28.1 MB
App	20.7 MB
Data	6.7 MB

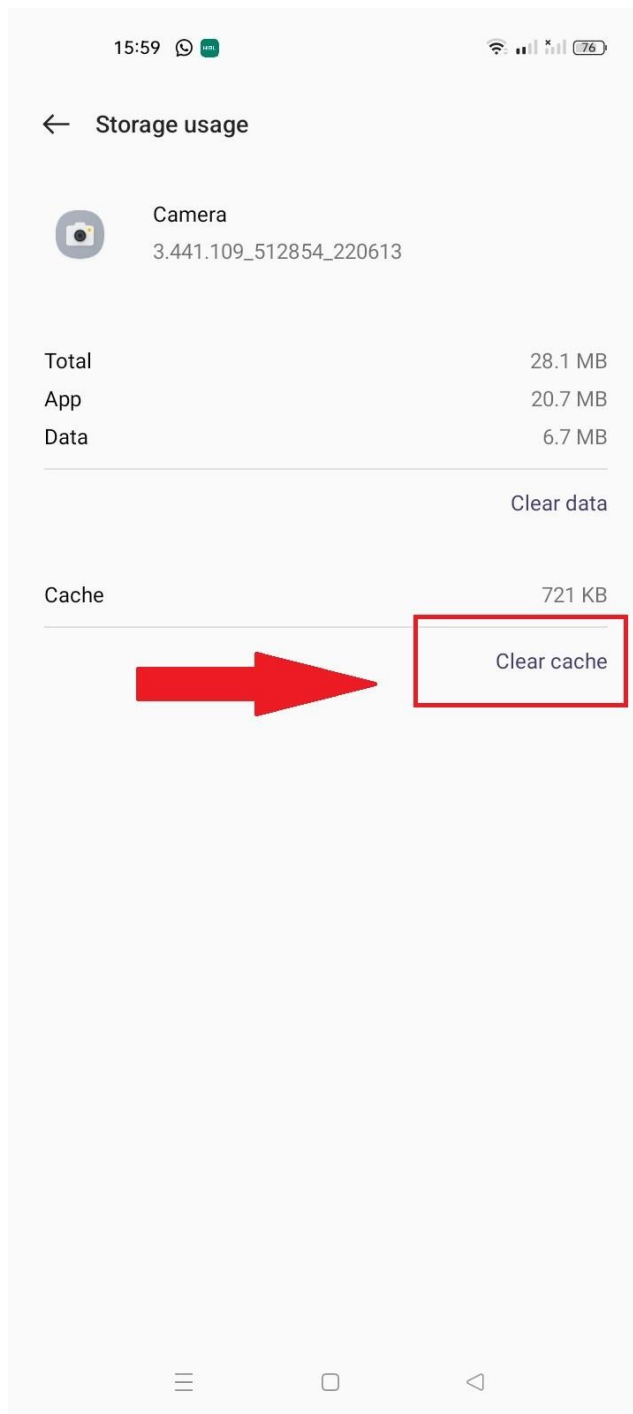


Clear data

Cache	721 KB
-------	--------

Clear cache

- Tap on clear cache.

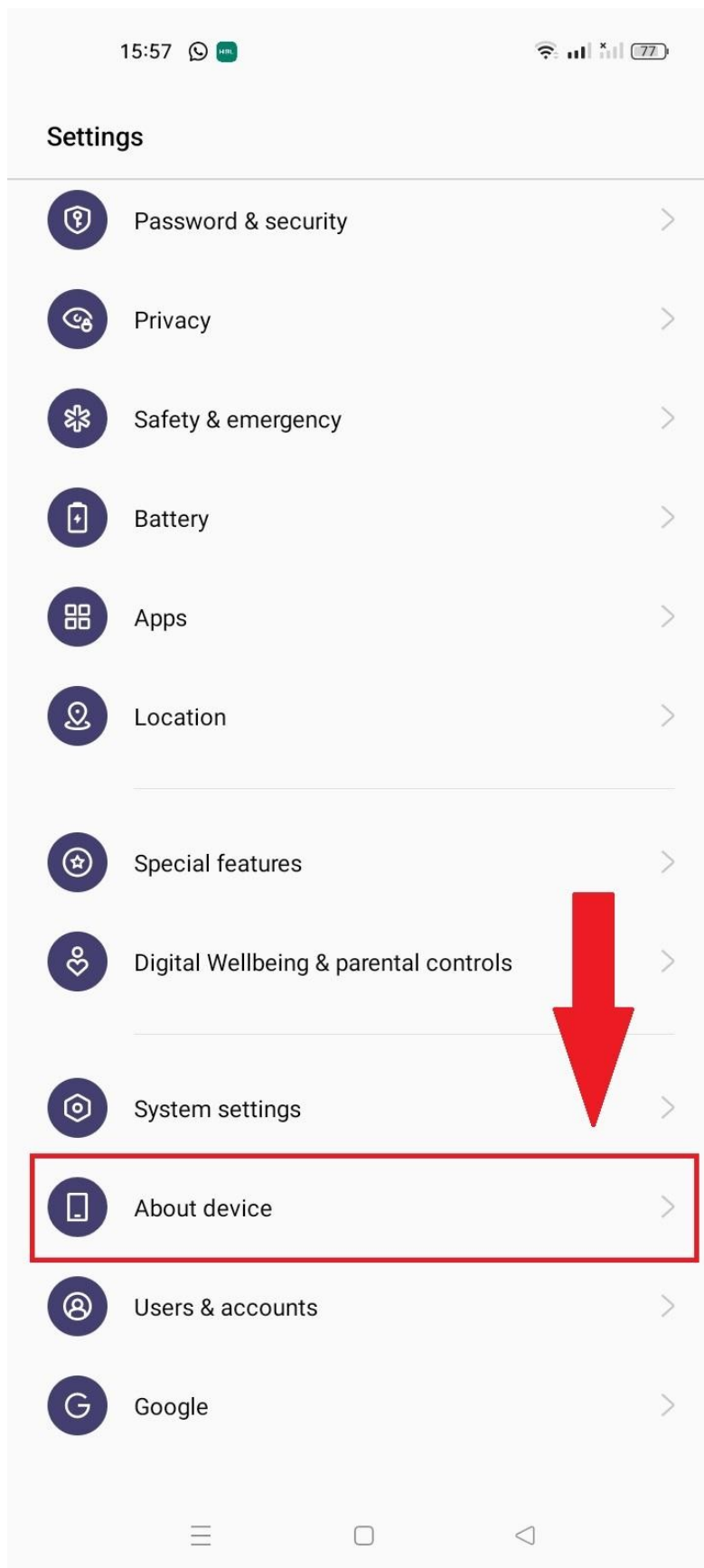


## 8. Update Android software

If none of the above fixes worked, then it may be possible that Android camera crashes are occurring due to outdated versions of operating software. After a definite period, each device manufacturer releases an update with new features, bug fixes, and improved functioning.

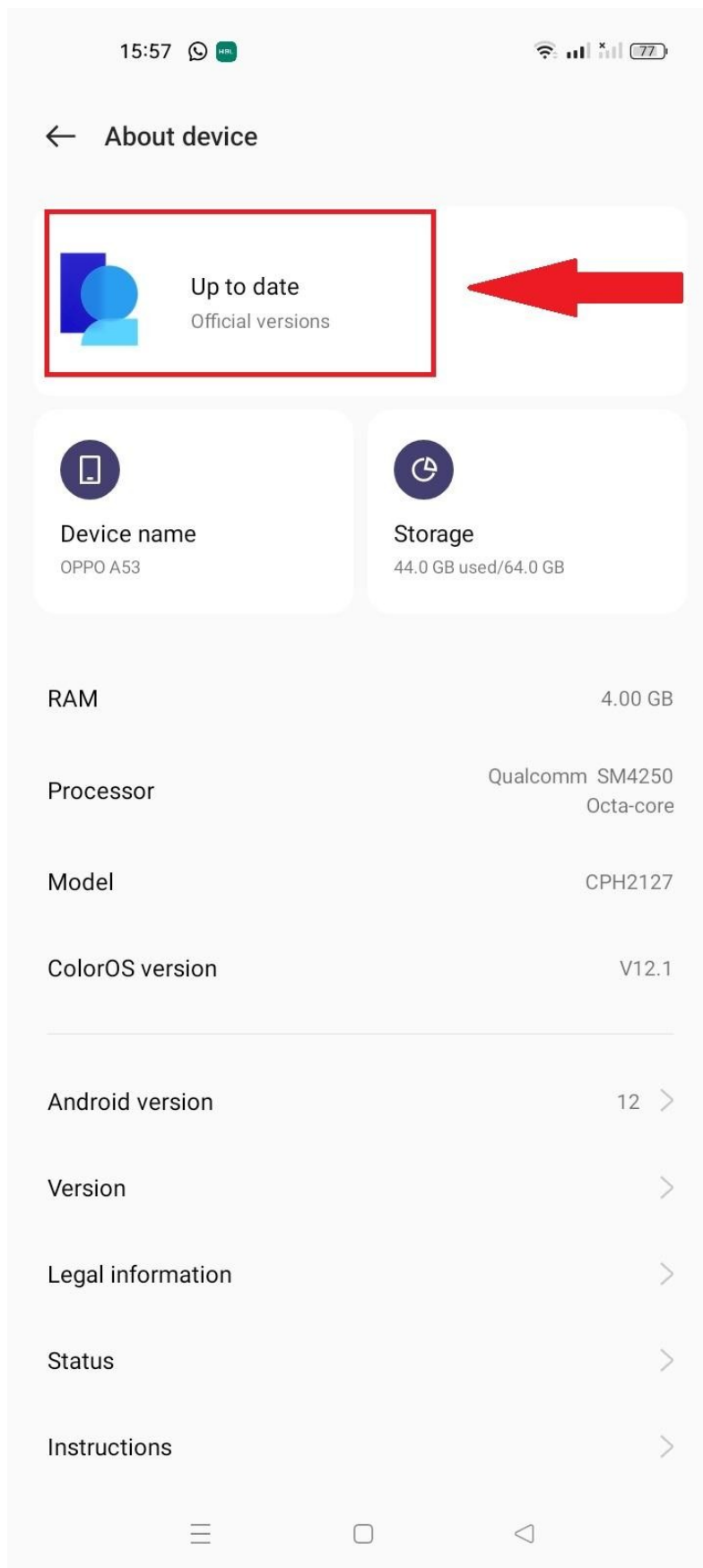
To update the Android software, follow these simple steps.

- Go to settings.
- Open About Device



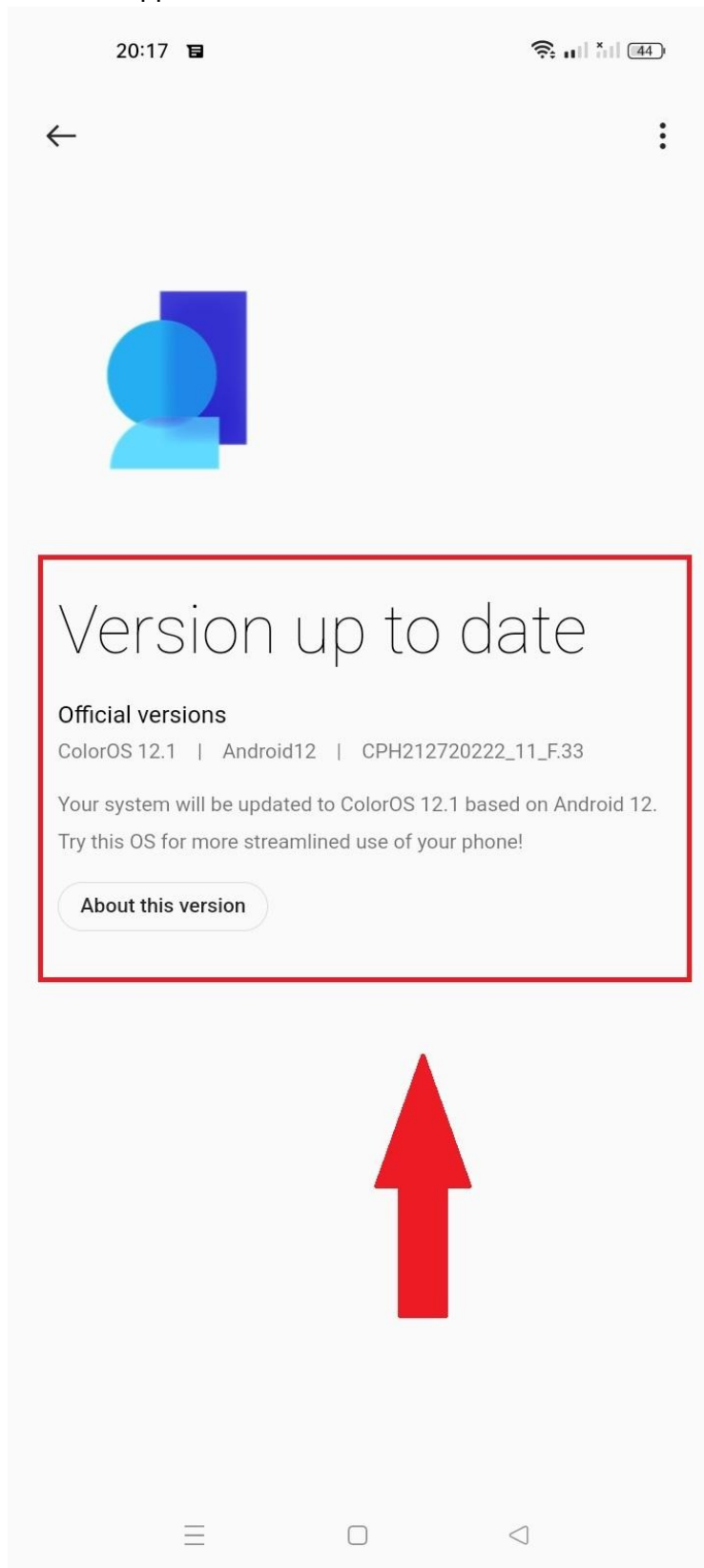
- Tap on updates. The device will start checking for updates.





- Tap on install if the update appears on the screen.

- After the update is complete, repeat the same steps again till the Version is up to date and appears on the screen.



- After the installed software updates, check whether the camera is working.

## 9. Factory Reset

The last option left to fix android camera crashes is factory resetting the entire phone. It can fix all issues related to settings, permissions, and faulty applications. Moreover, it will remove the malware or viruses from the device that interfere with the normal functioning of your Android camera.

To factory reset the device, follow these simple steps.

- Go to settings
- Tap on system settings

## Settings

 Password & security >

 Privacy >


 Safety & emergency >

 Battery >

 Apps >

 Location >

 Special features >

 Digital Wellbeing & parental controls >

 System settings >

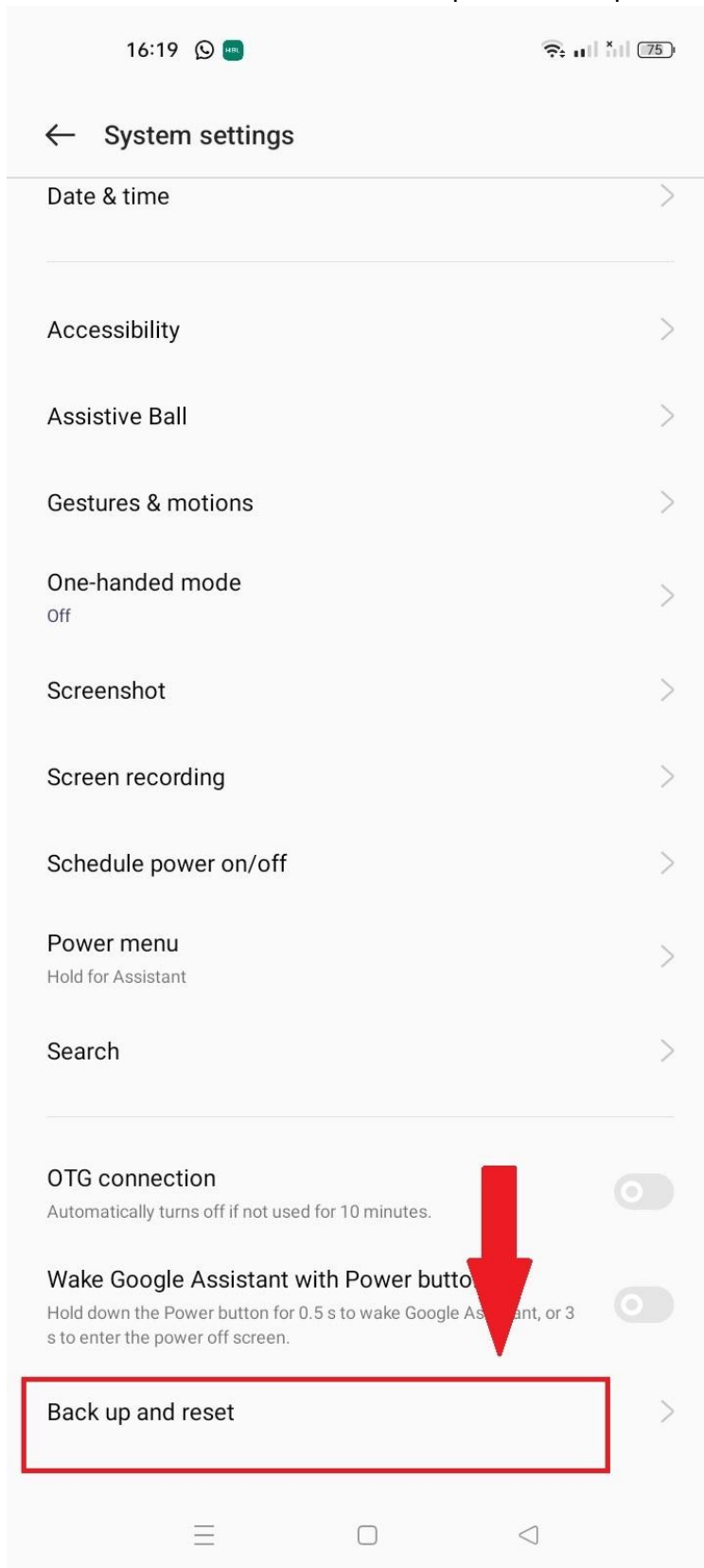
 About device >

 Users & accounts >

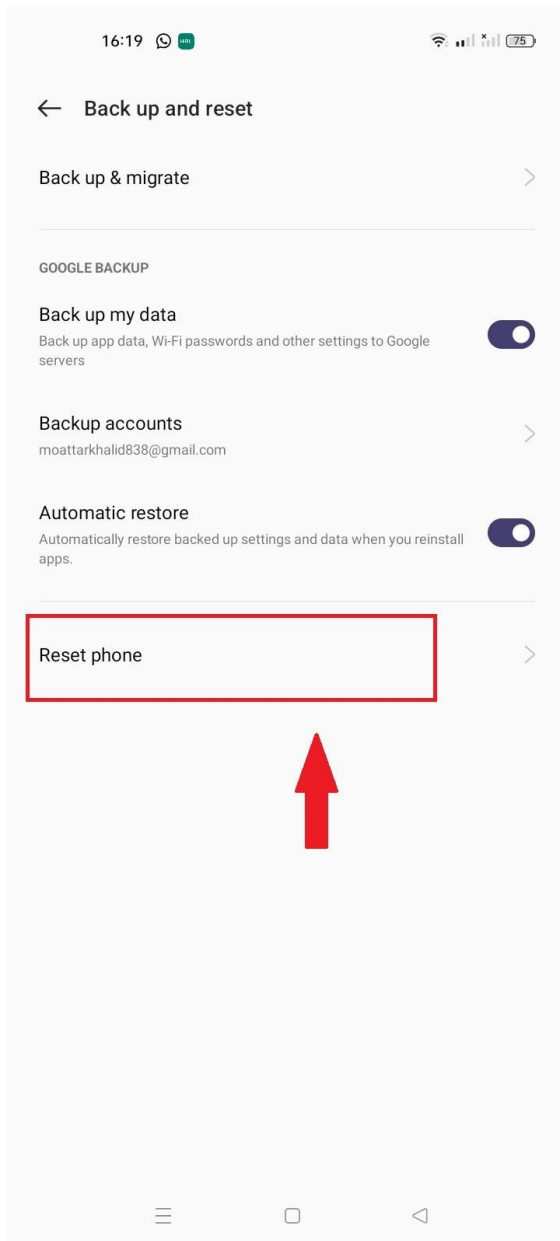
 Google >



- At the bottom, click on backup and reset options.



- Click on reset my phone.



**Pro Tip:** Before resetting your phone, make sure to copy your important files to another device, sd card, or simply back up your data to Google drive to avoid losing important information or memories.

## Conclusion

Android camera crashes are a common problem that Android users can face. They can be fixed by clearing the cache, restoring the settings to default, and updating the software. Moreover, rebooting the phone or factory resetting can also solve the problem. Conversely, in case of hardware damages, repairs are required. Taking the device to a certified repair center can be the only solution to fix android camera crashes.

## FAQs

### Why are android mobile phone cameras so bad?

Android camera brands like Realme, Oppo, POCO, Xiaomi, Vivo, Samsung, and OnePlus manufacture low-cost Android phones with low-quality cameras compared to iOS. So, the camera app keeps crashing due to incompatibility issues. However, costly Android phones have good cameras.

### Why is my camera not working on my phone?

If you own an old mobile phone with outdated software, the camera app might fail to work on your phone. Updating the software to the latest one can help you solve the issue of cameras not working on Android phones.

### Why does my Android camera keep crashing?

Crashing issues on Android devices are caused due to faulty configuration, outdated software, and hardware issues. To get rid of this, check in the notification panel if the storage is full in the first place. Otherwise, apply fixes like rebooting the mobile and restoring factory default settings.

### Why does the android camera freeze?

Android camera freezes when a third-party app from your downloads interferes with normal functioning. Moreover, due to low storage, your camera might freeze. Hardware issues can also cause your Android camera to freeze while taking a photo.