

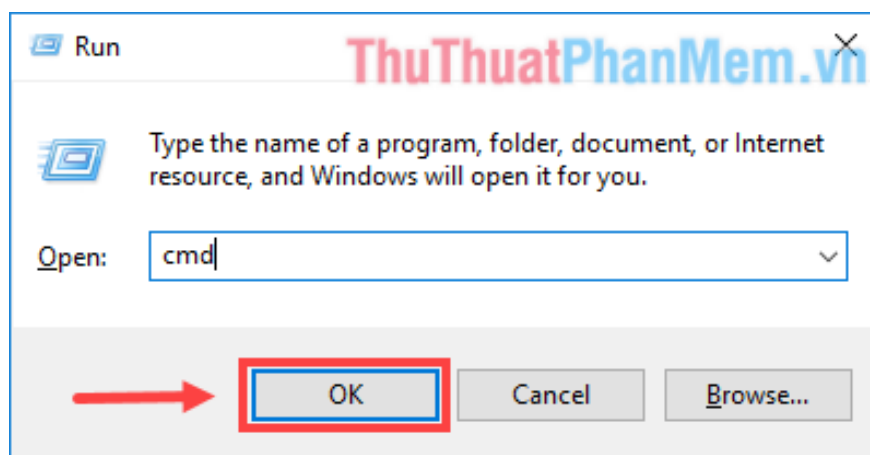
How to switch from FAT32 to NTFS without losing data with the CMD command in Windows 7,8,10

How to switch from FAT32 to NTFS without losing data with the CMD command in Windows 7,8,10.

Gradually replacing the old FAT32 format, NTFS has many outstanding advantages such as better security, allowing copying large files, suitable for partitioning the system.

Gradually replacing the old FAT32 format, NTFS has many outstanding advantages such as better security, allowing copying large files, suitable for partitioning the system. While converting a hard drive partition format from FAT32 to NTFS is possible, many people still fear that it will affect the data being saved. Please refer to the following guide to know how to switch from FAT32 to NTFS without losing data on Windows 7, 8 and 10.

Step 1: Press **Windows + R** key combination , type 'cmd' and then press **OK** to open *Command Prompt* .

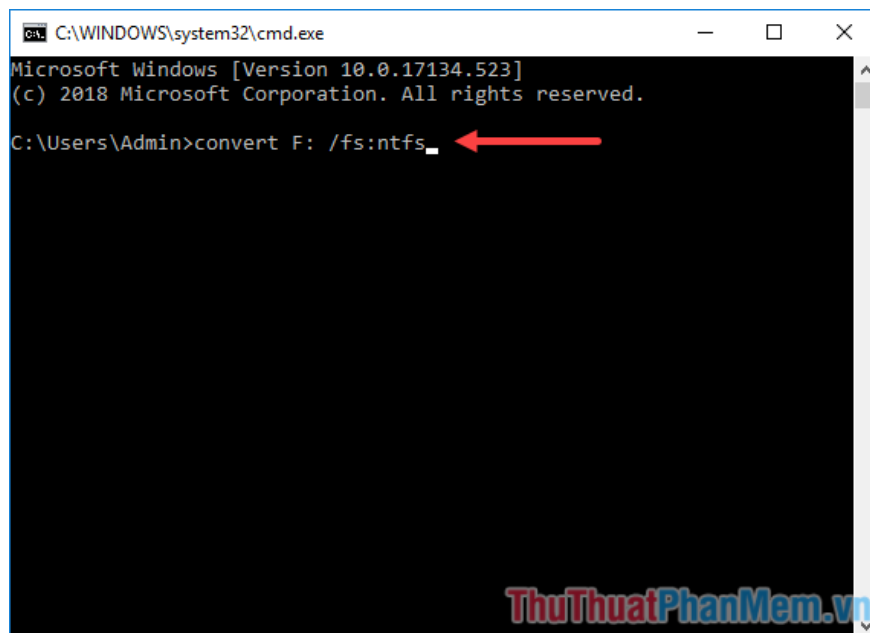


Step 2: In the *Command Prompt* window , type the following command and press **Enter** :

```
convert: / fs: ntfs
```

Where *drive letter* > is the letter of the drive you want to convert to NTFS. As in the next example, I made the F drive to NTFS so the command will be:

```
convert F: / fs: ntfs
```



Step 3: The program requires you to enter the current name (not the characters) of that drive. You type and press **Enter** . For example, my F drive is named 'NEW VOLUME':



Step 4: If there is a message *Would you like to force a dismount on this volume?* Or any other Yes / No questions, type 'Y' and press **Enter** .

```
C:\WINDOWS\system32\cmd.exe - convert F: /fs:ntfs
Microsoft Windows [Version 10.0.17134.523]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Admin>convert F: /fs:ntfs
The type of the file system is FAT32.
Enter current volume label for drive F: NEW VOLUME
Convert cannot run because the volume is in use by another
process. Convert may run if this volume is dismounted first.
ALL OPENED HANDLES TO THIS VOLUME WOULD THEN BE INVALID.
Would you like to force a dismount on this volume? (Y/N) Y
```

Step 5: Wait a while for the process to complete.

```
C:\WINDOWS\system32\cmd.exe
Windows has scanned the file system and found no problems.
No further action is required.

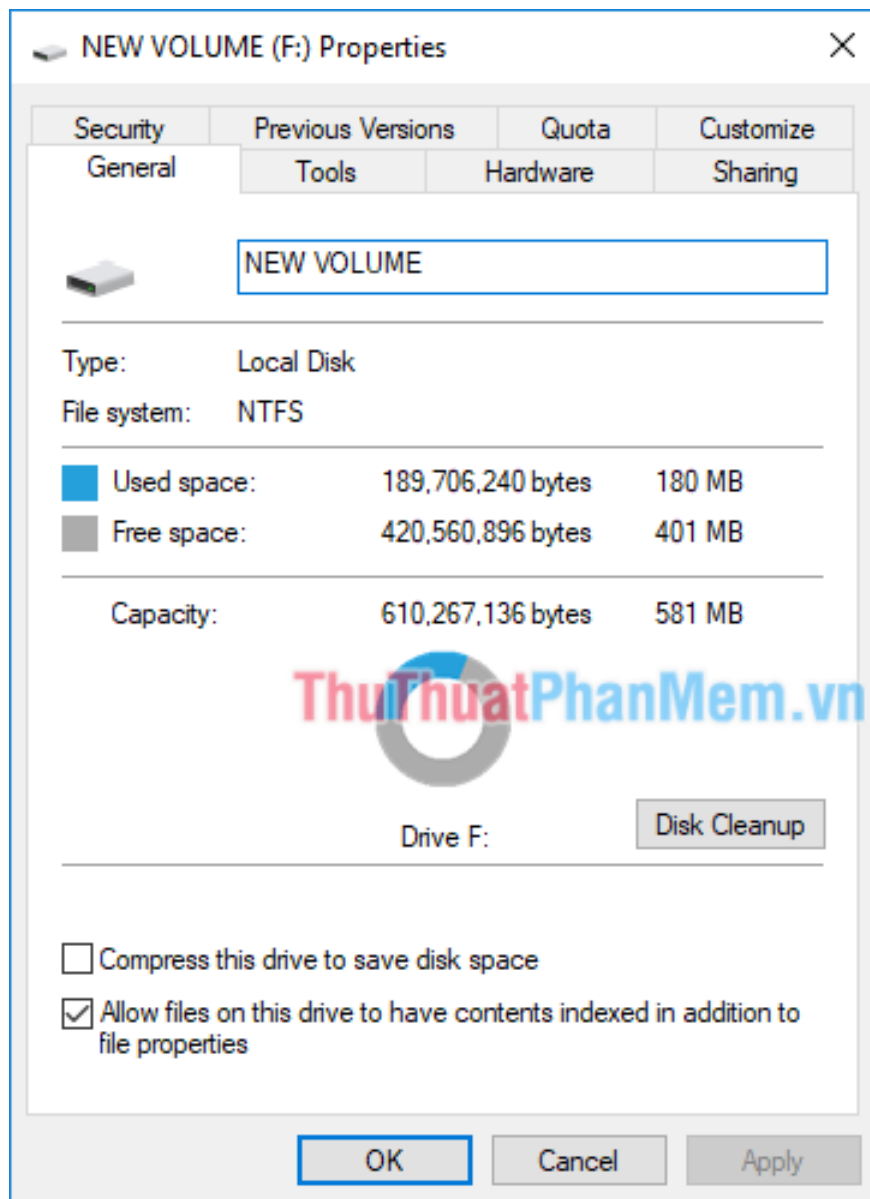
606,076,928 bytes total disk space.
 12,288 bytes in 3 hidden files.
 3,215,360 bytes in 782 folders.
171,012,096 bytes in 1,081 files.
431,833,088 bytes available on disk.

 4,096 bytes in each allocation unit.
147,968 total allocation units on disk.
105,428 allocation units available on disk.

Determining disk space required for file system conversion...
Total disk space:          595968 KB
Free space on volume:      421712 KB
Space required for conversion: 7442 KB
Converting file system
Data error (cyclic redundancy check).

C:\Users\Admin>
```

So your drive has been converted to NTFS already. Make sure all data inside is still intact!



Through this article, I have detailed instructions on how to switch from FAT32 to NTFS without losing data with the CMD command in Windows 7, 8 and 10 already. Good luck!

You finished reading the article "**How to switch from FAT32 to NTFS without losing data with the CMD command in Windows 7,8,10**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.