

# 9 Best Free and Open Source Command-Line Image Compression Tools

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Created 18/09/2021 - 10:55am

Submitted by Rianne Schestowitz on Saturday 18th of September 2021 10:55:46 AM Filed under [Software](#) [1] [OSS](#) [2]



Data compression is the process of storing data in a format that uses less space than the original representation would use. Compressing data can be very useful particularly in the field of communications as it enables devices to transmit or store data in fewer bits. Besides reducing transmission bandwidth, compression increases the amount of information that can be stored on a hard disk drive or other storage device.

There are 2 main types of compression. Lossy compression is a data encoding method which reduces a file by discarding certain information. When the file is uncompressed, not all of the original information will be recovered. Lossy compression is typically used to compress video, audio and images, as well as internet telephony. The fact that information is lost during compression will often be unnoticeable to most users. Lossy compression techniques are used in all DVDs, Blu-ray discs, and most multimedia available on the internet.

[3]

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**Links:**

[1] <http://www.tuxmachines.org/taxonomy/term/38>

[2] <http://www.tuxmachines.org/taxonomy/term/72>

[3] <https://www.linuxlinks.com/best-free-open-source-command-line-image-compression-tools/>