

Tagged Image File Format, abbreviated **TIFF** or **TIF**, is a [computer file format](#) for storing [raster graphics](#) images, popular among graphic artists, the publishing industry,^[1] and photographers. The TIFF format is widely supported by image-manipulation applications, by publishing and page layout applications, and by [scanning](#), [faxing](#), [word processing](#), [optical character recognition](#) and other applications.^[2]

The format was created by [Aldus Corporation](#) for use in [desktop publishing](#). It published the latest version 6.0 in 1992, subsequently updated with an [Adobe Systems](#) [©]t after the latter acquired Aldus in 1994. Several Aldus/Adobe technical notes have been published with minor extensions to the format, and several specifications have been based on TIFF 6.0, including [TIFF/EP](#) (ISO 12234-2), [TIFF/IT](#) (ISO 12639),^{[3][4][5]} [TIFF-F](#) ([RFC 2306](#)) and [TIFF-FX](#) ([RFC 3949](#)).^[6]

JPEG (['dʒeɪpɛɡ/ˈdʒeɪpɛɡ/ˈdʒeɪpɛɡ'](#))^[1] is a commonly used method of [lossy compression](#) for [digital images](#), particularly for those images produced by [digital photography](#). The degree of compression can be adjusted, allowing a selectable tradeoff between storage size and [image quality](#). JPEG typically achieves 10:1 compression with little perceptible loss in image quality.^[2]

JPEG compression is used in a number of [image file formats](#). JPEG/Exif is the most common image format used by [digital cameras](#) and other photographic [image capture devices](#); along with JPEG/JFIF, it is the most common format for storing and transmitting photographic images on the [World Wide Web](#).^[3] These format variations are often not distinguished, and are simply called JPEG.

The term "JPEG" is an acronym for the [Joint Photographic Experts Group](#), which created the standard. The [MIME media type](#) for JPEG is *image/jpeg*, except in older [Internet Explorer](#) versions, which provides a MIME type of *image/pipeg* when uploading JPEG images.^[4] JPEG files usually have a [filename extension](#) of *.jpg* or *.jpeg*.

JPEG/JFIF supports a maximum image size of 65,535×65,535 pixels,^[5] hence up to 4 gigapixels for an [aspect ratio](#) of 1:1.