

## JPEG vs PNG (vsdiff.com)

JPEG	Feature	PNG
Lossy compression reduces file size by discarding image data.	Compression	Lossless compression keeps all original details intact.
Best for photographs and images with complex color gradients.	Best Use	Best for graphics, icons, logos, and text-based images.
Supports millions of colors but no transparency.	Transparency	Supports full transparency and alpha channels.
Produces smaller file sizes, efficient for online use.	File Size	Larger files due to lossless storage of data.
Not recommended for repeated edits, as quality degrades each time.	Editing	Ideal for repeated editing since no data is lost.
Widely used across websites, social media, and online photography.	Popularity	Commonly used in design, branding, and high-quality graphics.
Does not support animations.	Animation	Supports animation when saved as APNG (Animated PNG).
Faster to load on websites due to small file sizes.	Web Performance	Slower loading if large images are used extensively.
Better for storing large image collections where space matters.	Storage Efficiency	Consumes more storage space per image.
Not suitable for sharp-edged images like text and logos.	Sharpness	Excellent sharpness, perfect for text, icons, and line art.

Source: <https://vsdiff.com/jpeg-vs-png/>