



TOOLBOX OF RESOURCES

Tool name: GIMP - GNU Image Manipulation Program

Category: Illustration and image tools

Official website link: <https://www.gimp.org>

Available languages

- Multilingual (supports over 80 languages)

Free version available?

Yes

Short description:

GIMP is an open-source software for editing and processing bitmap images, used for photo retouching, raster graphics, and creating digital illustrations. Distributed under the GNU license, it is appreciated both by beginners for its ease of use and by more experienced users as a free alternative to Photoshop. Since its launch in 1996, GIMP has offered a wide range of professional-level features while remaining completely free of charge.

Key strengths:

- Although GIMP is primarily an image editing software, it can also be used for digital painting and illustration thanks to its brush and layer tools. It has similar functions to Illustrator.
- It is a cross-platform program, available for Windows, macOS, and Linux, making it easy to collaborate within teams using different devices.
- GIMP has extensive documentation and an active online community where beginners can learn quickly through tutorials, guides, and forums.
- Unlike many image editing tools that require powerful hardware, GIMP is lightweight and can run smoothly even on computers with modest specifications (around 4GB RAM), which makes it especially suitable for students and beginners on a budget.

Main Features:



- Resize, scale, and crop images.
- Photo editing: retouching, color and brightness adjustment.
- Manage transparency, apply blur effects.
- Mosaic and texture effects.
- Image composition and juxtaposition.
- Create raster illustrations and digital artwork.
- Produce simple animated GIFs using layers as frames - lightweight animations suitable for smartphones and tablets.

Limitations:

- As a raster-based editor, GIMP cannot upscale images significantly without quality loss. This is inevitable because GIMP is a pixel-based editing software.
- GIMP does not support CMYK color mode natively, which limits its use for professional print projects. Supports only RGB colour mode (for web).
- GIMP may have longer startup times, especially at first launch or when many plugins are installed.

Screenshots or example links:

- <https://www.gimp.org/tutorials/>
- *The link to Adventure Book will be added*