











| AI Image Generators Comparison April 2024 |             |  |                         |    |  |                       |                           | starryai.   | iStock.<br><small>by Getty Images</small>   |                               |  |  |
|---|--|---|--|---|--|--|--|---|---|--|---|---|
|   | Midjourney   | Firefly   | DALL-E via ChatGPT   | Image Creator from Designer   | Ideogram   | DreamStudio  | Craiyon  | starryai  | iStock AI Generator   | Freepik Pikaso   | Leonardo.AI   | Runway  |
| Developed by                              | Midjourney   | Adobe   | OpenAI   | Microsoft   | Ideogram   | Stability AI   | Craiyon  | starryai  | Getty Images & NVIDIA   | Freepik  | Leonardo.AI   | Runway AI   |
| Powered by                                | Midjourney v6  | Firefly Image 2   | DALL-E 3   | DALL-E 3  | Ideogram 1.0   | Stable Diffusion XL  | Craiyon v3   | Altair & Orion  | NVIDIA Picasso  | Not disclosed  | Lightning XL  | Not disclosed   |
| Accessible via                            | Discord server (website currently in alpha)  | Photoshop, Adobe Express, Illustrator, firefly.adobe.com                        | ChatGPT paid plans (website and mobile app)  | Copilot, Designer, bing.com/create  | ideogram.ai  | dreamstudio.ai   | craiyon.com  | starryai.com mobile app   | istockphoto.com/ai  | freepik.com/pikaso   | leonardo.ai iOS app   | runwayml.com iOS app  |
| Cost                                      | From \$8 per month   | From free (limited credits)   | From \$20 per month  | Free  | From free  | From free (limited credits)  | From free  | From free (limited credits)   | £14.39 for 100 generations  | From free (limited credits)  | Free (limited credits)  | From free (limited credits)   |
| Images per prompt                         | 4  | 4   | 4  | 4   | 4  | 1-10   | 9  | 4   | 4   | 1-4  | 1-8   | 1-500   |
| Image generation limit                    | ~200 per month (Basic plan)  | 25 per month (free)   | Undisclosed  | N   | 25 per day (free)  | 100 per day (free)   | N  | 20 per day (free)   | N   | 20 per day (free)  | 150 per day (free)  | N   |
| Aspect ratios                             | Any  | 4:3, 3:4, 1:1, 16:9   | 1:1, 16:9, 9:16  | 1:1   | 9:16, 10:16, 2:3, 3:4, 1:1, 4:3, 3:2, 16:10, 16:9                                | 21:9, 16:9, 3:2, 5:4, 1:1, 4:5, 2:3, 9:16, 9:21  | 1:1  | 4:5, 5:3, 4:3, 1:1, 9:16  | 1:1, 3:4, 4:3, 9:16, 16:9   | 1:1, 2:3, 4:5, 9:16, 3:2, 5:4, 16:9  | 1:1, 1:2, 2:3, 3:2, 3:4, 4:3, 9:16, 16:9, 2.39:1                                  | 16:9, 1:1, 9:16, 3:2, 4:5   |
| Maximum image size                        | 2048 x 2048  | 2048 x 2048   | 1024 x 1024  | 1024 x 1024   | 1024 x 1024  | 2048 x 2048  | 1024 x 1024  | 12,288 x 12,288   | 4096 x 4096   | 1024 x 1024  | 1536 x 1536   | 2624 x 1472   |
| Prompt enhancement                        | N  | Autosuggest   | Y  | N   | 'Magic Prompt'   | N  | Optional   | Prompt Builder  | Prompt Builder  | N  | Prompt generation tool  | N   |
| Pre-defined styles                        | 5  | 125   | Y  | N   | 18   | 16   | 3  | 100s (user generated)   | 2   | 22   | 35  | 33  |
| Upscaling                                 | 2x   | N   | N  | N   | N  | 2x   | N  | 4x, 8x, 16x   | 4x  | N  | 2x  | 2x  |
| Commercial use                            | Y  | Y   | Y  | Y   | Y  | Y  | Y, with credit   | Y   | Y, except for resale  | Y  | Y   | Y   |
| Cleared training data                     | N  | Y   | N  | N   | N  | N  | N  | N   | Y   | N  | N   | N   |
| Copyright indemnity                       | N  | Y   | Enterprise only  | Enterprise only   | N  | N  | N  | N   | \$10,000 per image  | N  | N   | N   |
| Upload reference image                    | Y  | Y   | Y  | Y (via Copilot)   | Paid feature   | Y  | N  | Y   | N   | Y  | Y   | Y   |
| Library of your images                    | Y  | N   | N  | Y   | Y  | Y  | N  | Y   | Y   | Y  | Y   | Y   |
| Negative prompts                          | Y  | Y   | N  | N   | N  | Y  | Y  | Y   | Y   | N  | Y   | Y   |
| Regenerate part of image                  | Y  | Y   | Y  | N   | N  | N  | N  | N   | Y   | N  | Y   | Y   |
| Expand canvas                             | Y  | N   | N  | N   | N  | N  | N  | N   | Y   | N  | Y   | Y   |
| Private image generation                  | Pro Plan feature   | Y   | Y  | Y   | Paid feature   | Y  | N  | Y   | Y   | Y  | Paid feature  | Y   |
| Visible watermark                         | N  | Y (free version)  | N  | N   | N  | N  | Y (free version)   | N   | N   | N  | N   | N   |
| Best for                                  | Quality of images, level of control  | Licensed training images, accessibility of user interface                       | Easy access from within ChatGPT (paid plans)   | Unlimited free, high-quality images   | Rendering text, diverse styles created by 'Magic Prompt'                         | Free upscaling   | Inspiration for a surrealist painting?   | Upscaling for print   | Stock-style images, legal cover, high resolution images   | Speed, creating variations (using Reimagine beta)  | Inspiration from prompt generation tool   | Credits can be used for video generations   |
| Drawbacks                                 | Cost, ease of use (access currently via Discord), uncensored training data, no legal cover | Limited free credits, default stock photo aesthetic, no library of your images  | Default AI aesthetic, rewrites image prompts, no gallery of generated images, uncensored training data | Default AI aesthetic, not possible to regenerate parts of image, high generation failure rate, uncensored training data | Limited options to finetune images, uncensored training data, no legal cover     | Struggles with faces, no option to regenerate parts of image, uncensored training data, no legal cover | Distortion in images, slow image generation, lots of display ads, uncensored training data, no legal cover | Struggles with faces, slow image generation, limited free credits, uncensored training data, no legal cover | Default stock aesthetic, poor rendering of fantastical images, prompt length limit, no reference image upload | Prone to anatomical oddities, no option to regenerate parts of image, uncensored training data, no legal cover | Prone to anatomical oddities, uncensored training data, no legal cover            | Prone to anatomical oddities, uncensored training data, no legal cover            |
| Benefits of paid-for plans                | Pro & Mega: More fast generations, unlimited slow generations, private image generation    | More image generations Remove visible watermark                                 | N/A  | N/A   | More prompts Faster image generation   | More image generation credits  | Faster image generation, watermark removal, no ads, private image generation                               | More image generations, fast generations, aspect ratios and upscaling                                       | N/A   | More image generations and downloads per day   | More fast generations, unlimited slow generations, private image generation       | More image generations, additional image export formats                           |
| Image quality                             | ★★★★★  | ★★★★  | ★★★★★  | ★★★★★   | ★★★★★  | ★★★★   | ★★   | ★★★★  | ★★★★  | ★★   | ★★★★  | ★★  |
| Speed                                     | ★★★★   | ★★★★★   | ★★★★   | ★★★★★   | ★★★★★  | ★★★★★  | ★★   | ★★  | ★★★★★   | ★★★★★  | ★★★★★   | ★★★★  |
| Control                                   | ★★★★★  | ★★★★★   | ★★★★   | ★★  | ★★   | ★★★★   | ★  | ★★★★  | ★★★★★   | ★★   | ★★★★  | ★★★★★   |
| Ease of use                               | ★  | ★★★★★   | ★★   | ★★  | ★★★★★  | ★★★★   | ★★★★   | ★★★★★   | ★★★★★   | ★★★★★  | ★★★★★   | ★★★★  |
| Overall rating                            | ★★★★★  | ★★★★★   | ★★★★★  | ★★★★★   | ★★★★★  | ★★★★   | ★  | ★★★★  | ★★★★  | ★★★★   | ★★★★  | ★★★★  |
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