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# AI Image Generation Tools for Education and Creation

Artificial intelligence has revolutionized the way we create images. Today, several platforms allow anyone—teachers, students, creators—to generate unique visuals from simple text prompts. Let's explore three leading tools: Craiyon, Midjourney, and ChatGPT.



# Craiyon: Simple AI Image Generation

## What is it?

Craiyon is a free, web-based AI image generator, formerly known as DALL·E Mini. It transforms text prompts into a grid of nine unique images.

## Key Features:

- No account or installation required.
- Generates images in various styles (photorealistic, cartoon, abstract).
- Offers background removal and prompt suggestion tools.
- Images are square format (1024×1024px) and include a watermark in the free version.



# Craiyon in Education



## Quick Classroom Illustrations

Ideal for quick illustrations, creative brainstorming, and visualizing concepts in class.



## Accessibility

Free and easy for students and teachers to access.



# Midjourney: Artistic AI Generation



## What is it?

Midjourney is a powerful AI image generator, popular for its high-quality, artistic outputs. It operates mainly via Discord or its official web platform.

## Key Features:

- Generates images from detailed text prompts.
- Supports a wide range of artistic styles and advanced editing (zoom, variations, style reference).
- Allows image-to-image generation: upload a reference image to influence the result.
- Includes a gallery and real-time collaboration features.



# Midjourney in Education



Art and Design Education



Visualization Tool

# ChatGPT with Image Generation

## What is it?

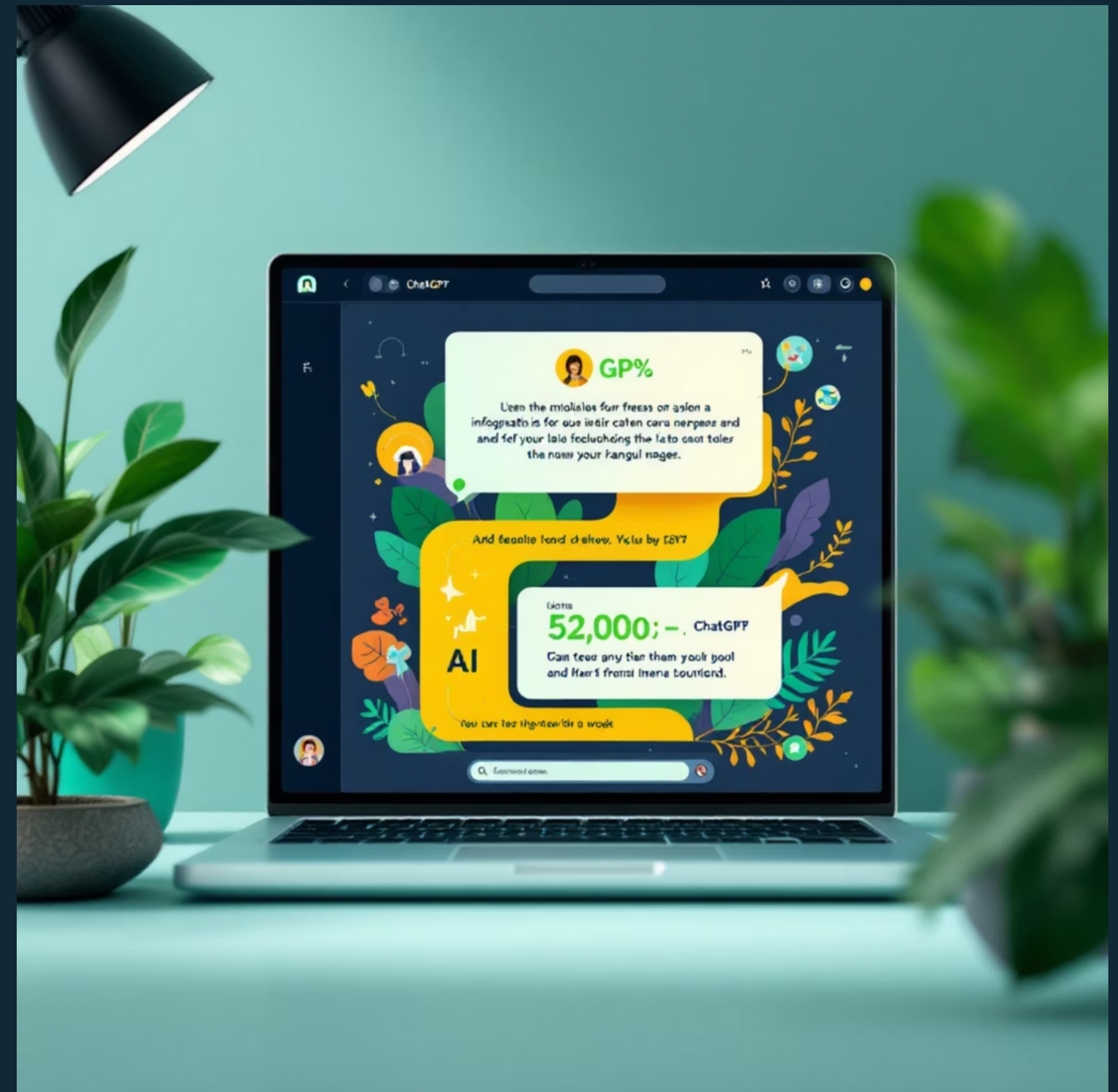
ChatGPT, known for text-based AI, now includes image generation powered by the GPT-4o model. Users can create images directly from prompts within the ChatGPT interface.

## Key Features:

- Generates images in various styles, including photorealistic and artistic.
- Accurately renders text within images (useful for infographics and presentations).
- Allows editing of generated or uploaded images (e.g., background removal, adding elements).
- Integrated with ChatGPT's conversational interface for easy prompt refinement.

## Educational Use:

- Useful for creating custom graphics, educational illustrations, and visual storytelling.
- Supports rapid prototyping of visual ideas in class discussions or assignments.



# Comparison and Conclusion

| Tool       | Access & Cost     | Main Strengths                     | Educational Use Cases         |
|------------|-------------------|------------------------------------|-------------------------------|
| Craiyon    | Free, web-based   | Simplicity, no signup, fun results | Quick illustrations, prompts  |
| Midjourney | Paid, Discord/web | Artistic quality, customization    | Art/design, creative projects |
| ChatGPT    | Free & paid plans | Integrated with text AI, editing   | Custom graphics, infographics |

## Conclusion

