

## ChatGPT-Generated Images vs Print

AI tools like ChatGPT can now generate impressive images in seconds. They're great for concept art, social media graphics, and visual inspiration.

But when it comes to printing those images, there are a few things worth understanding before sending them to a print shop.

### Q: Can images created with ChatGPT be printed?

Yes. AI-generated images can absolutely be printed. However, like any digital image, the quality of the print depends on the resolution and file size of the image you have.

If the image isn't large enough for the intended print size, it may appear soft or pixelated when printed.

### Q: Why might AI images sometimes look blurry when printed?

Many AI-generated images are created at sizes intended for digital use, such as:

- social media posts
- web graphics
- presentations

These images may look sharp on a screen but may not contain enough detail for larger prints.

### Q: What size should an AI image be for printing?

The ideal size depends on the final printed piece.

<b>Print Size</b>	<b>Recommended Image Size</b>
4 × 6 inches	1200 × 1800 pixels
8 × 10 inches	2400 × 3000 pixels
11 × 17 inches	3300 × 5100 pixels

### Q: Are AI images suitable for business printing?

They can be useful for certain projects, such as:

- posters
- decorative graphics
- marketing visuals
- conceptual artwork

However, things that require precise branding—like logos or packaging design—traditional graphic design files are often more reliable. AI Drift can frequently occur which can add/subtract important minute details which are essential in your Brand.

## Q: Do colors in AI images print the same as they appear on screen?

AI images are usually generated in RGB color mode, which is designed for digital screens. Printing typically uses CMYK inks, which have a smaller color range.

*See Article: RGB VS CMYK- Tips, Tricks & Tools Page -> Debugging the Jargon*

## Q: What's the best way to prepare an AI image for Print?

A few simple steps can help ensure good results:

- Start your Prompt with the intention to produce a For Print image result- that isn't a guarantee, but it's a good step in the right direction
- If you must regenerate the result, repeat the For Print prompt in each correction
- Download the largest version available
- Avoid enlarging the image beyond its original size (you can prompt ChatGPT with a starting Canvas Size if you already know your Size <=> Resolution ratio)
- Save the file as a high-quality PNG or PDF
- Consult with your print shop if you're unsure about size or resolution (note: we do have a handy chart on our website which works as a guideline for PPI <=> Printed Resolution).

AI-generated images are a powerful creative tool, but they still follow the same basic rules as any digital artwork when it comes to printing. Starting with a large, high-quality image and understanding how digital images translate to print will help ensure your final printed piece looks as good on paper as it does on screen.