

Photorealistic Render

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Introduction

With Photorealistic Render, you can quickly create photorealistic visualizations and optimize the quality of your renderings using AI. You upload an image that you wish to enhance. This increases the image resolution and the level of detail. You have the option to adjust how much freedom the AI has to think outside the box or how much it should stick to the original input.

The purpose of the tool is to optimize your render in a relatively fast and easy way, rather than using it as a sketch tool for generating new ideas. Afterward, you can download the images or the various render elements and make the final adjustments in Photoshop.

How to do it

Step ① Upload

On the Photorealistic Render platform, you can either upload your image by clicking or simply drag and drop it in.

It is recommended that the image is a render you have already created and that it contains all the elements you want to include in the final rendering.



Drop Image Here

- or -

Click to Upload

Step ② Generate

Once you've uploaded your image, you can choose from three presets: Building render, Interior render, and Nature render, depending on whether you want to enhance your rendering with a focus on buildings, interior design, or landscapes. Then, click "Generate."

Step ③ Download

The upgraded rendering will appear beneath the original image.

You can then download it to your device and make any final adjustments in Photoshop. Ideally, download multiple results so you have several versions to edit.

The first time, it might be a good idea to test by uploading your image, making some quick adjustments, and clicking "Generate." You can use the result to make further adjustments and add prompts to achieve the desired expression in your rendering. More details about these features can be found further down.

Reset

You also have the option to reset the settings. You can either use "Reset Current Preset," which only resets within the current preset you're in (e.g., "Building Render"), or you can apply "Reset All to Default" to reset everything completely.

Settings

Prompts

Prompts are used to adjust or control the atmosphere and expression of the image using a few words. They can specify elements to highlight or aspects to avoid. It is important to note that prompts cannot be used to completely remove or add entirely new elements to the image – they primarily affect style, materials, and atmosphere.

Prompt

Specifies details to be highlighted in the image, such as specific materials, color tones, or a particular atmosphere.

Negative prompt

Here, you write any details that should be avoided in the image.

Prompt

Add extra details to the prompt

Negative Prompt

Add extra details you want to avoid

Adjustments

Below are three adjustments that can be increased or decreased by percentage, controlling how much the original image should dominate and how much detailing should be added. You can adjust them until the desired result is achieved.

AI Creativity %

Controls how creative the AI is allowed to be.

Detail Level %

Adjusts the level of detail (texture/grain).

Original Similarity %

Controls how closely the output should resemble the original image.

AI Creativity (%)

Controls how creative the AI can be (0-100%)

35



6 100

Detail Level (%)

Adjusts the level of detail enhancement (-100% to +100%)

40



-100 100

Original Similarity (%)

Controls how closely the output matches the input (0-100%)

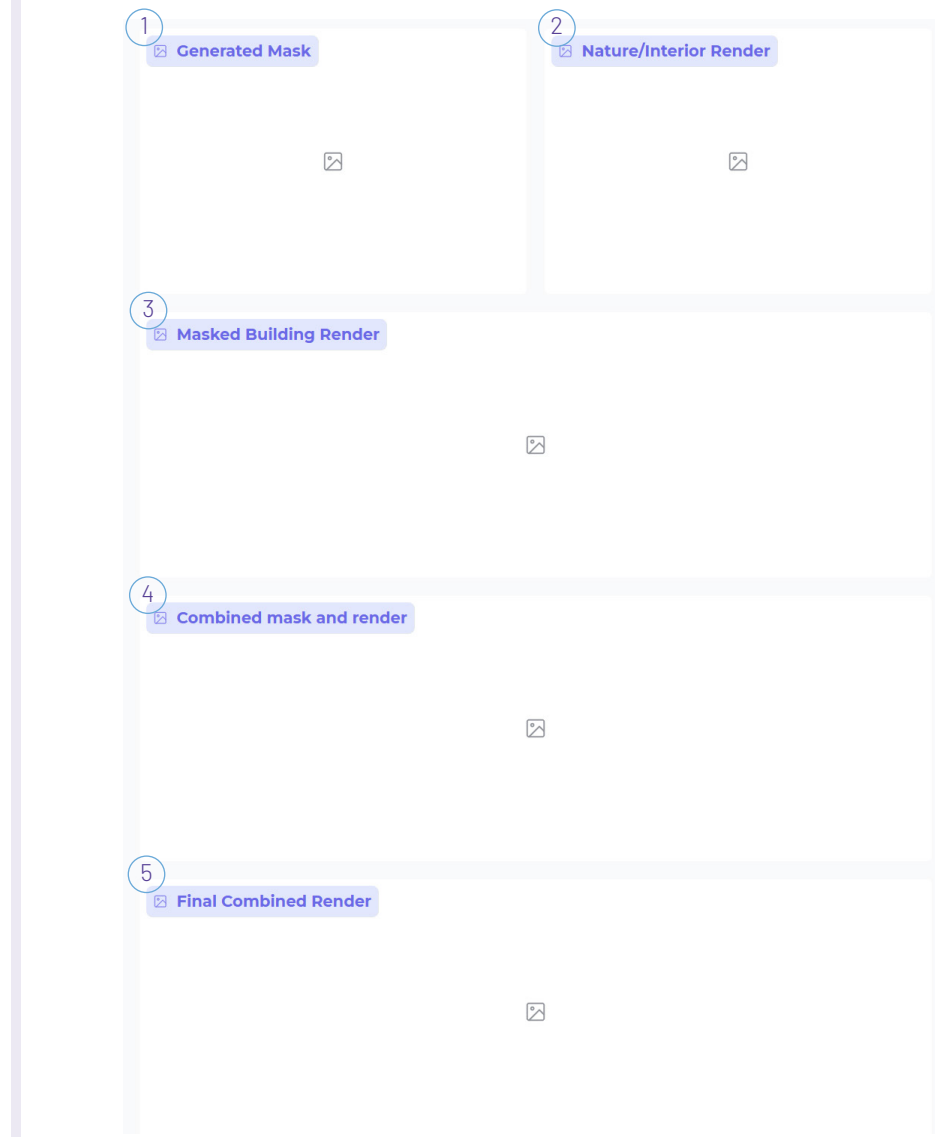
90



0 100

Render Mode

Here, you can choose between "Single Render" or "Combined Render." With "Single Render," you receive a single output image, while with "Combined Render," a series of images (render elements) are generated, including a mask that can be useful for further editing in Photoshop.



- ① A mask is used to isolate specific areas of the image, allowing them to be edited separately.
- ② The rendering focuses on nature, the surrounding landscape, and the interior.
- ③ A mask for specific elements, such as the building itself, so it can be edited independently.
- ④ A combination of the generated mask and the actual rendering, which can be useful when you want to adjust lighting, shadows, or materials on specific objects, while keeping the rest intact.
- ⑤ The final rendering, where all elements, masks, and adjustments have been merged into a completed image.

Advanced Settings

Scale Factor %

By default, the Scale Factor is set to 200%, meaning the image will be rendered at double the size. If set to 100%, the image will be the same size as the original.

HDR

Relates to the visual quality of the image, concerning light, contrast, and color reproduction.

Tile width and height

The generated image is divided into tiles of a specific size. The individual tiles are generated separately, so the smaller the tiles, the more sections the large image is split into. The upgraded rendering is performed within these defined areas.

If you experience errors in the generation, such as the AI misunderstanding certain elements in the image, adjusting the tile size might improve the result.

Scheduler

Here, you can choose which 'catalog' the AI will use as a basis. This determines the stylistic direction of the output.

Number of Inference Steps

Indicates how many times the AI runs the entire process.

Random seed

The Random Seed number defines the specific generation. If you want to change the starting point of the generation, you can input a different 10-digit number, which will create an entirely new rendering with a new starting point.

If you're not satisfied with the direction of your generated renderings, a new Random Seed number might provide a new expression for your rendering and potentially a better result.

Downscale opløsning

Determines the resolution of the original image. The lower the scale is set, the easier it is for the AI to render larger objects in the image, as it won't focus too much on small details. Additionally, the output is scaled back up in the "Scale Factor %" setting.

Skarphed

This setting controls the clarity and definition of the image.

Mask

Here, you can upload a mask or an alpha channel mask (black/white mask), allowing the AI to better recognize the desired mask.

Output Format

You can choose between the formats; WEBP, JPG, and PNG. JPG is the most compatible format here.

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