Let's Get Started

AI PROMPT BOOK FOR HOMEDESIGNS.AI

WELCOME TO THE AI PROMPT BOOK FOR HOMEDESIGNSAI - YOUR COMPREHENSIVE GUIDE TO EFFECTIVELY GIVING INSTRUCTIONS AND DESIGN DIRECTIONS TO OUR AI.

Welcome to the AI Prompt Book for HomeDesignsAI - your comprehensive guide to effectively giving instructions and design directions to our AI.

As soon as we launched this project and got initial user feedback, we quickly realized that our users needed ways to interact with our AI and give specific instructions on how they wanted their designs to look and feel.

So we got to work and built communication channels between our AI and our end users.

However, once these channels were in place, we saw how user-to-user results were MASSIVELY fluctuating depending on how our AI was prompted.

Users with prompt knowledge had exceptional results, while users new to AI prompting typically complained that our AI was not listening.

HOW TO GET THE BEST RESULTS FROM YOUR PICTURES:

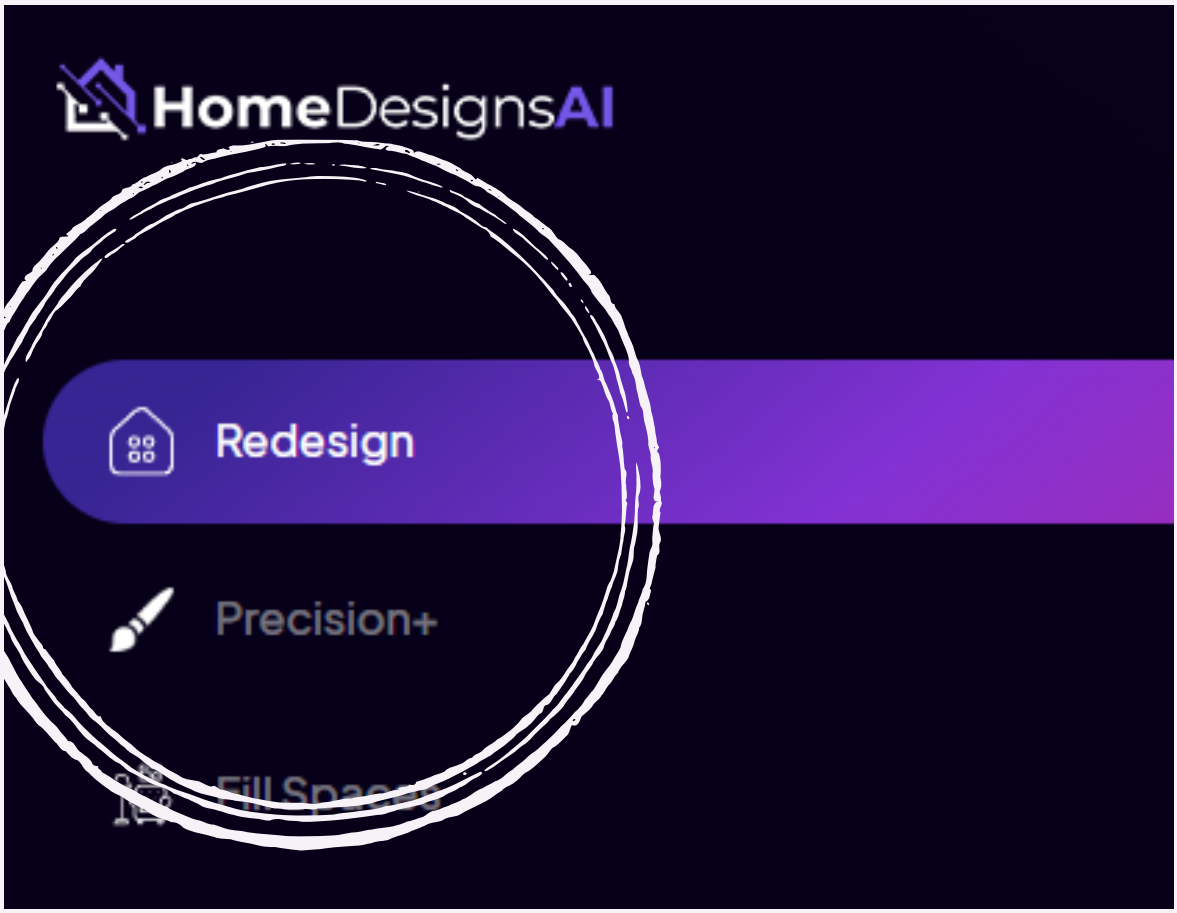
- Use 90-degree Angle Images: For optimal results, ensure that your room images are captured in a straight-on shot, showing as much of the room as possible. This perspective enhances our AI's understanding of the space, leading to more accurate design generations.
- Avoid Pictures Taken at Night: To achieve the best outcomes, provide well-lit images. Photos taken at night or in low light conditions may lack sufficient detail, which could affect the accuracy of the design generations.
- Redesign Tool AI Instructions: The Redesign page's AI Instructions feature may not always yield the best results. For more satisfactory outcomes, consider using the Fill Spaces page.
- Fine-tuning AI Instructions: Sometimes, the AI may not fully adhere to the provided instructions on the Redesign page. To improve results, consider experimenting with different wording and instructions.
- Image Quality Impact: Regardless of the prompt's quality, low-resolution images may not produce satisfactory results. Using high-quality images is essential for the best outcomes.
- Avoid Fisheye Images: Our AI currently struggles to handle Fisheye images effectively, as they can distort design generations.
- Be Mindful of Image Dimensions: It is advisable to avoid using very wide or very tall images, as they may impact the AI's ability to generate accurate designs.
- AI Intervention Level: On the Redesign page, selecting a higher AI Intervention level ensures that the AI takes the prompt into greater consideration, leading to improved results.

Please keep these factors in mind while using our Homedesigns.ai tool.
Your experience and the quality of the design generations depend on the input provided.
Thank you for choosing Homedesigns.ai, and we hope you enjoy your creative journey!

This is how this AI Prompt Book came to be.

This resource will explore the best ways to use our three main modules that allow direct communication with our AI:

- Custom AI Instructions (usable in Redesign Mode)
- Precision+ Mode
- Fill Spaces Mode



To make sure no stone is left unturned, we will explain how prompting in each module works and what you should and should not do when giving our AI directions.

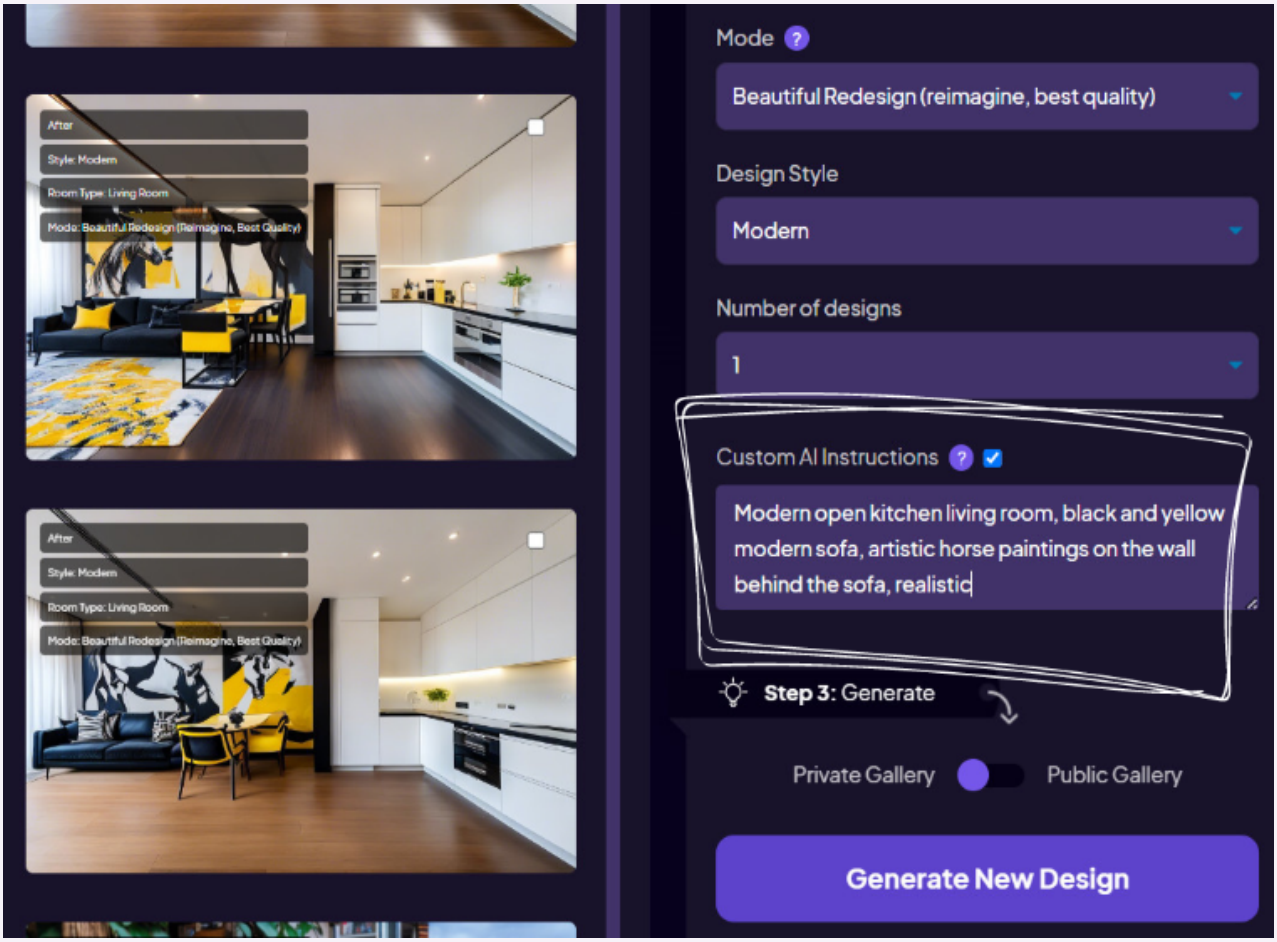
SECTION 1: CUSTOM INSTRUCTIONS

Custom AI Instructions is a powerful tool that allows you to guide our AI when using our full image redesign modes. It's your paintbrush, and the AI is your canvas.

You can use this feature to add specific colors, textures, or extra elements to your designs until they match your vision.

Note: Currently, Custom AI Instructions are available for the following Redesign Modes:

- Beautiful Redesign (reimagine, best quality)
- Creative Redesign (creative, medium quality)
- Fill the Room, Fill the Exterior and Fill the Garden (not to be confused with Fill Spaces)



HERE'S HOW TO CRAFT GOOD PROMPTS FOR OUR AI WHEN USING CUSTOM AI INSTRUCTIONS:

Be Specific

The AI thrives on specificity. The more detailed your instructions, the better the AI can understand and execute your vision.
For example, instead of saying "Add color", say "Add a blue color to the walls".
This gives the AI a clear direction and helps it generate results that align with your expectations.

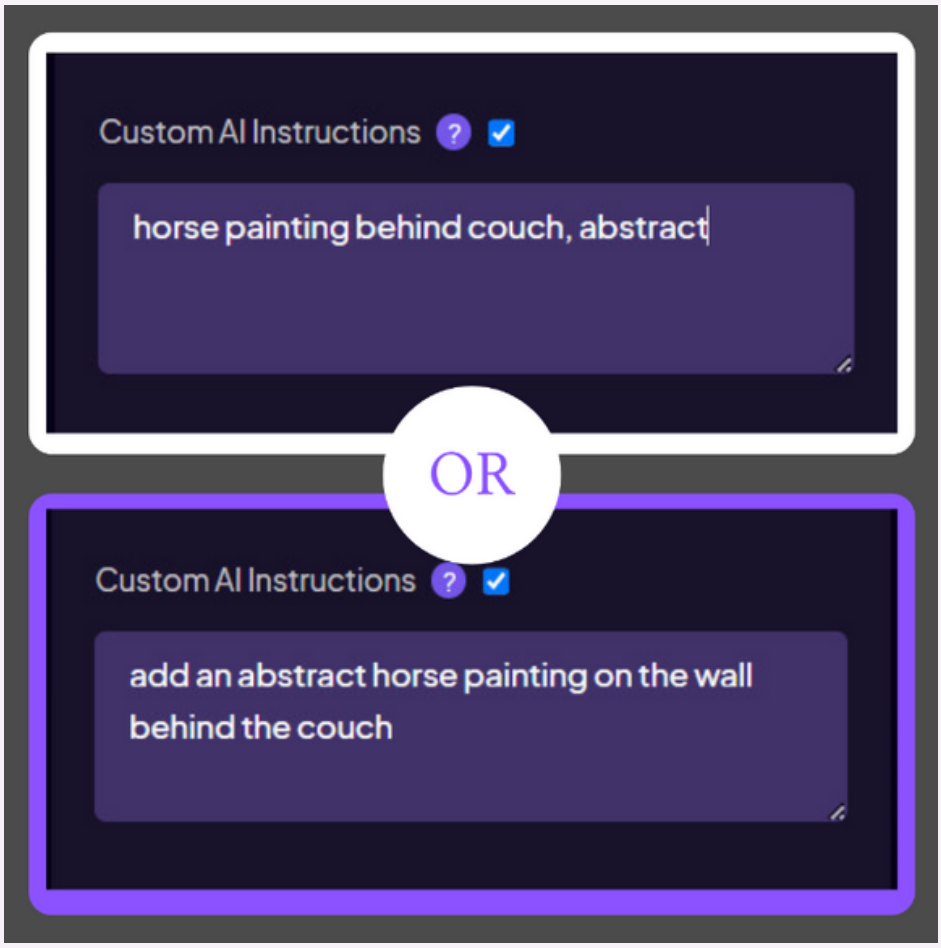
Experiment

Don't be afraid to experiment with different instructions and prompting structures. Our AI learns from each interaction, so feel free to try different prompts with different prompt structures.
You might be surprised by the results. Remember, the goal is to refine your instructions over time to get the best possible output from the AI.

Alternate Descriptive Language with Classic Prompting

When instructing the AI, think of yourself as a director guiding an actor. Describe textures, colors, and elements you want to see in your design.

Our AI is trained for both descriptive language and rigid prompting.



For example, you can use descriptive prompts like "I want the walls to have a brick texture". This level of detail helps the AI understand not just what you want, but also the aesthetic and feel you're aiming for.

However, there might be scenarios where a rigid prompt structure might work better.

SECTION 2: PRECISION+

Precision+ Mode is like a scalpel, allowing you to select a specific area and change it seamlessly.

With this tool, you can select singular elements that you want to change while leaving everything else intact.

Using the brush to select the area that you need to change is not enough to guarantee a good result; you have to become adept at helping our AI understand your vision.

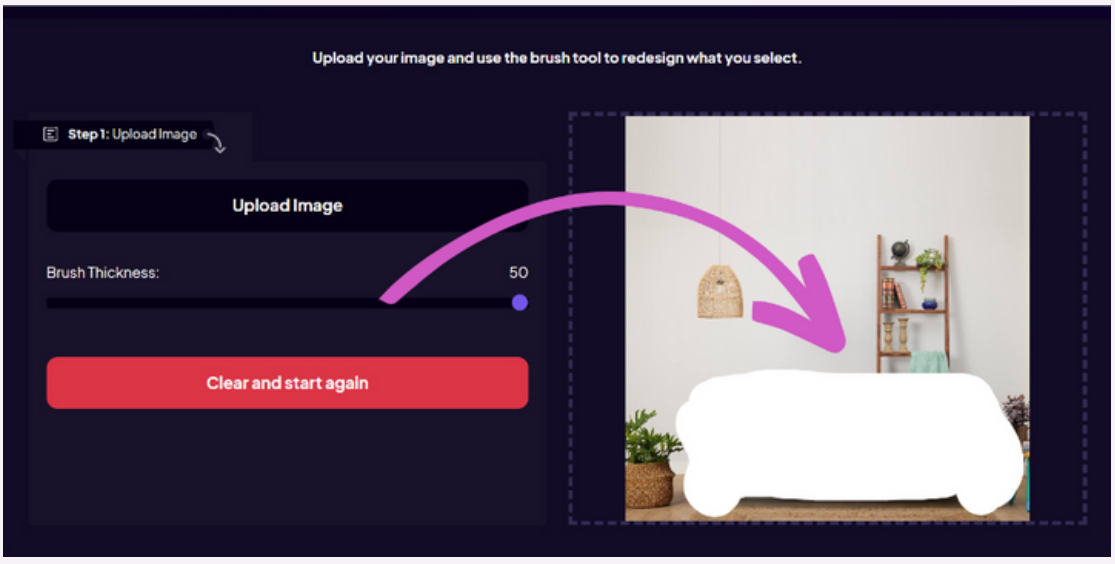
Here's how to use it effectively:

Selecting

Use the selection tool to carefully outline the area you want to change. The selection doesn't have to be 100% accurate.

PRO TIP: If you manage to be a bit flexible with the selection, then the results will be better since our AI will have the necessary space to include shadows in order to blend the changed elements with the rest of the image.

Our selection tool works like a spotlight, focusing the AI's attention on a specific part of the image.



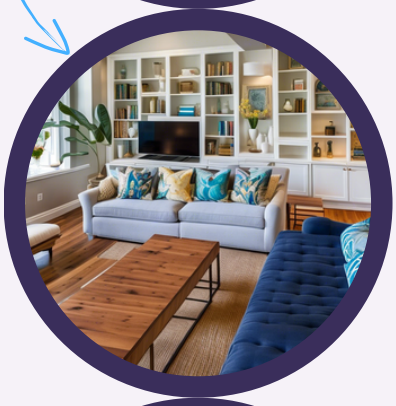
AI-Assisted Selection

Don't waste time meticulously selecting the element that you want to change. A rough selection is enough, and taking the time to precisely select the element will NOT improve the results.

Our AI only needs an approximate selection and a good prompt to work with, so keep this in mind, as it will save you a lot of time.

Avoid selection gaps

When selecting the area that you want to change, it's important to ensure that you don't leave gaps in your selection.
This can lead to unexpected results regardless of the prompt that you use since our AI is programmed to always take your selection into account.
Always make sure that the selection doesn't have any gaps.



Pick the right style

Selecting the right style is crucial for achieving a consistent result. The style you choose should align with the changes you want to make.
For example, if you select a chair and write a prompt like 'Add an elegant, vintage, old looking chair with royal motives', but then you select the 'Futuristic' style, you'll confuse the AI about what exactly you want to achieve, and the results will likely be inconsistent.
Always ensure that your prompt and the selected style are in harmony. This will help the AI understand your vision better and produce a result that matches your expectations.

Prompting

Prompting is the art of communicating your vision to our AI. It's the bridge between your creative ideas and the AI's ability to bring them to life.
The way you phrase your prompts can significantly impact the results, making it an essential skill to master for using Precision+ Mode effectively.
In this section, we'll explore different strategies for prompting, including describing changes, using descriptive language versus structured prompting, and understanding the importance of detail.

Describe Changes

Once you've made your selection, clearly describe the changes you want to make.
For example, "change the wooden table to a glass table". This instruction tells the AI exactly what you want it to change.
<u>But remember</u>: In order for this to work, you have to make sure that the wooden table that you want to change is selected via the brush tool on the image.

Descriptive Language vs Structured Prompting

Our AI is trained to understand both descriptive prompts and structured prompting. Descriptive prompts are more free-form and can include any details you think are important.

For example, in the example on the left, we used plain descriptive language.

Then we switched and used structured prompting, which produced a similar result.

AI PROMPT:
CHANGE THE DINING TABLE AND CHAIRS WITH A WOODEN SQUARE TABLE AND BLACK CHAIRS

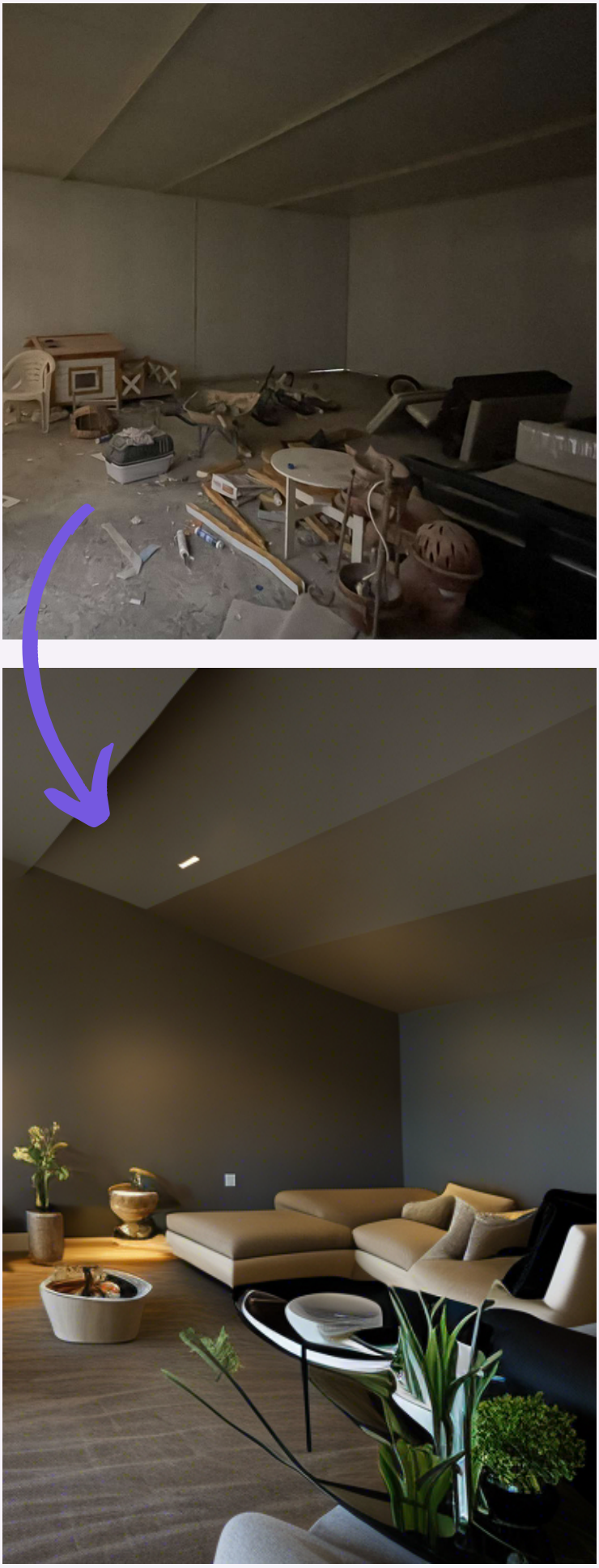
In this example, both descriptive language and structured prompting work equally well, but depending on your project, you might need to experiment with one or the other until you find the best result.

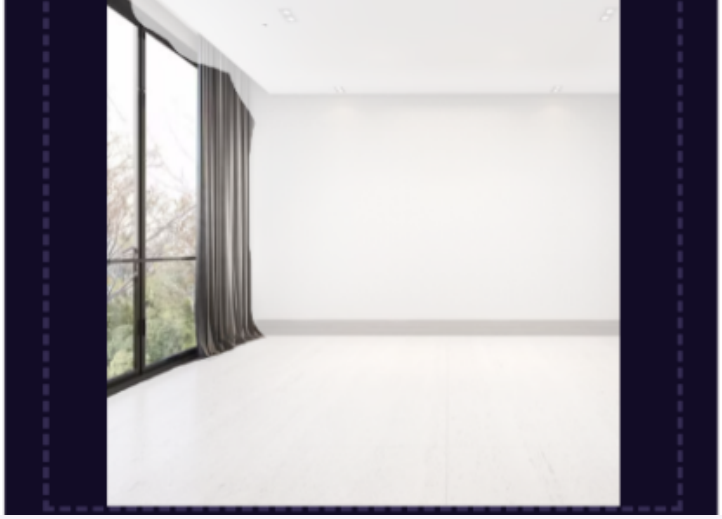
AI PROMPT:
CHANGE THE DINING TABLE AND CHAIRS WITH A WOODEN SQUARE TABLE AND BLACK CHAIRS

The More the Better

When it comes to detailing your vision, more is definitely better. The more detail you provide, the better the end result will be. Think of each detail as a guidepost, helping the AI understand your vision.

For example, instead of saying "add a chair", you could say "add a modern, leather armchair with wooden legs". This gives the AI a much clearer picture of what you're looking for.





SECTION 3: FILL SPACES MODE

'Add & Fill Spaces' Mode is like a magic wand, allowing you to add furniture, objects, and decorative elements in bulk.

This tool is perfect for staging an empty room or adding life to a barren garden. Here's how to use it effectively:

Selecting

Just like in Precision+ Mode, you'll use the selection tool to outline the area you want to fill. Remember, the selection doesn't have to be 100% accurate.

PRO TIP: Since you'll be filling up spaces, our recommendation is to always use the maximum brush size to select as much of the image as possible. This will save you time and give our AI more freedom.

PRO TIP: Since you'll be filling up spaces, our recommendation is to always use the maximum brush size to select as much of the image as possible. This will save you time and give our AI more freedom.

Our selection tool works like a spotlight, focusing the AI's attention on a specific part of the image.

Let's say you want to fill up an interior space with furniture and decorative elements, but you want to make sure the AI doesn't change the windows.

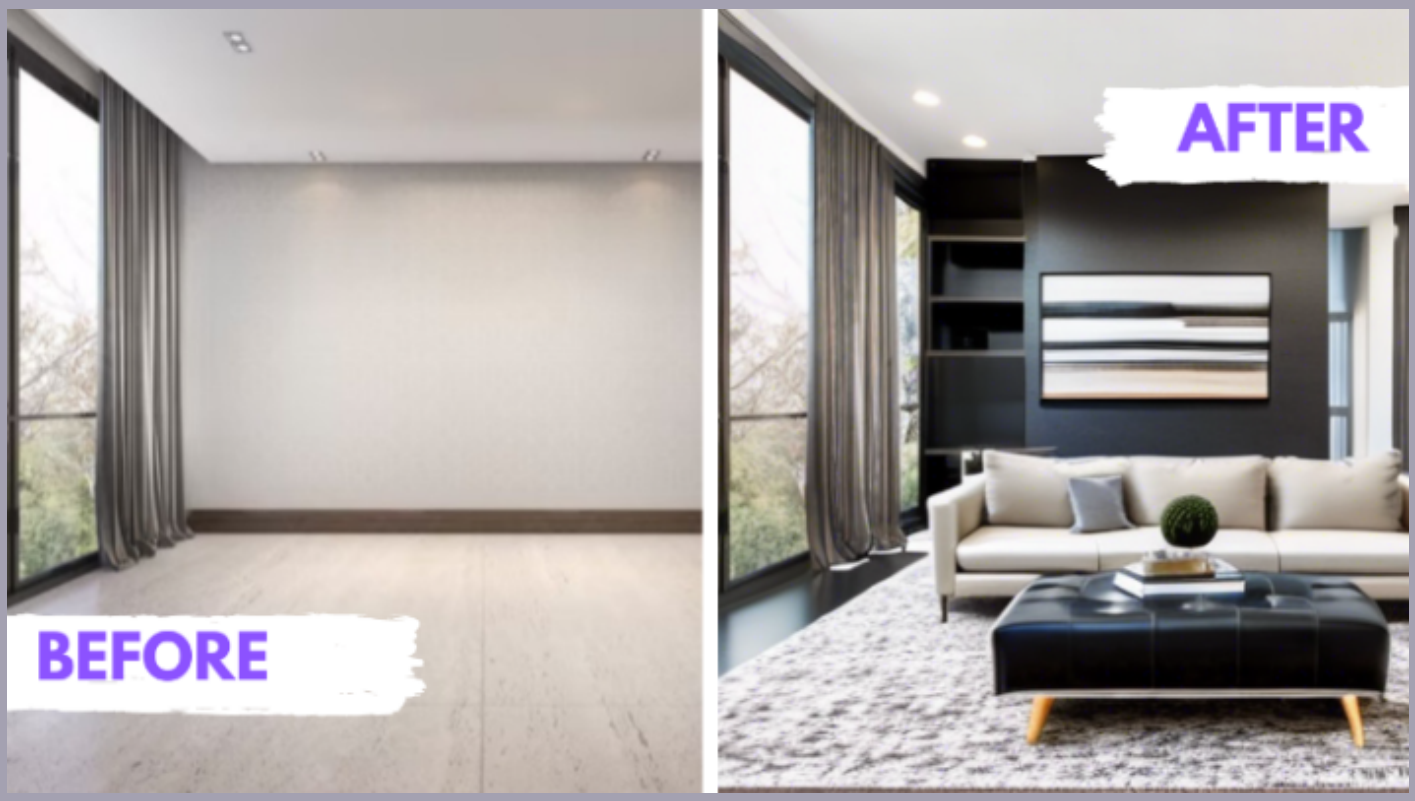
In this case, you need to select everything BUT the windows in order to generate the best results.

Only Select the 'To Be Filled' Space

Don't waste time meticulously selecting the area that you want to fill. A rough selection is enough, and taking the time to precisely select the area you want to fill will NOT improve the results.

Our AI only needs an approximate selection and a good prompt to work with, so keep this in mind, as it will save you a lot of time.

PRO TIP: If you want to avoid AI-generated artifacts, our recommendation is to select everything but the elements that you don't want to change.



Avoid Style Incompatibilities

Selecting the right style is crucial for achieving a consistent result. The style you choose should align with the elements you want to add.

For example, if you highlight the entire living room space aside from the walls and the windows and you instruct the AI to add 'fill the room with modern, minimalist furniture and decor', but then you select the 'Vintage' style, you'll confuse the AI about what exactly you want to achieve, and the results will likely be inconsistent.

Always ensure that your prompt and the selected style are in harmony. This will help the AI understand your vision better and produce a result that matches your expectations.

Prompting

When prompting in Fill Spaces Mode, you need to take into account that our AI expects you to select the entire area that you want to fill up with elements. The AI is trained to receive multiple instructions with elements that can be added in bulk, so don't be afraid to get as descriptive as possible.

Describe Additions

Once you've made your selection, clearly describe the elements you want to add.

For example, "add a modern, leather armchair with wooden legs" is not exactly enough if you've selected an entire empty living room and you're trying to fill it up with furniture.

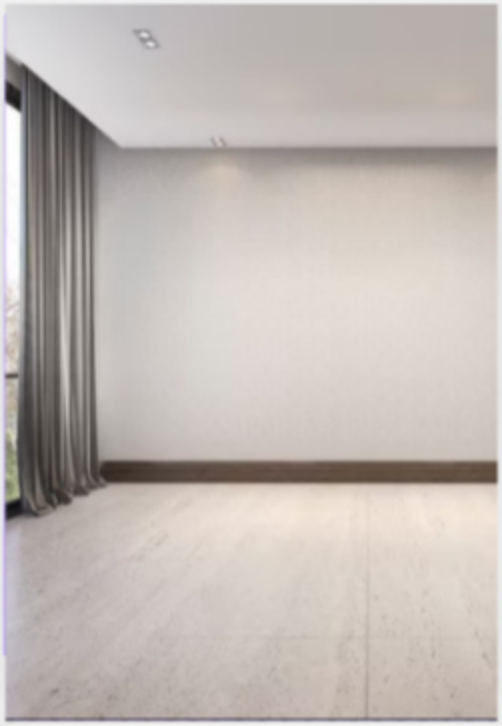
In this case, you can either go in full description mode and tell the AI how each major element should look with a super focused prompt like:

"Add a modern leather armchair with wooden legs, add a horse painting on the wall, add a modern black and white sofa with a matching carpet, add a running LED light on the wall above the couch, repaint the wall color to blue, and add hanging plants above the couch."

OR leave the creativity to the AI and use a loose prompt like:

'Furnish this room with modern furniture, add hanging plans'

AI PROMPT:
FILL UP THE SPACE WITH MODERN LIVING ROOM FURNITURE AND DECOR



SOURCE IMAGE

RESULT

This instruction tells the AI exactly what you want it to add.

But remember: In order for this to work, you have to make sure that the empty space where you want to add the armchair is selected via the brush tool on the image.

Big Prompt = More Control

If you want more control over the filled space, it's crucial to go into as much detail as possible in your prompt. By describing each element you want to add, you give the AI a clear roadmap to follow.

For example, instead of saying "Add furniture", you could say "Add a modern, leather armchair with wooden legs, a glass coffee table with silver accents, and a large, abstract painting on the wall".

This detailed prompt gives the AI a clear understanding of what you want to add and where.

On the other hand, if you want the AI to have more say on what elements to include depending on the selected style, you can give a prompt as small as possible or even leave the Prompt field unfilled.

This gives the AI more freedom to fill the space based on its understanding of the selected style.

Remember, the level of control you want to have over the filled space should guide the level of detail in your prompt. Whether you want to dictate every element or let the AI surprise you, the choice is yours.

In conclusion, the key to getting the best results with our AI is clear and specific communication. Don't be afraid to experiment and try different instructions until you achieve your desired results. With practice and patience, you'll be able to unlock the full potential of our AI and create stunning home designs.

For everything else, feel free to reach out to our support desk.

Happy designing!