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7 tips to get the most out of Nano Banana Pro

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8 min read

Our latest update to image generation and editing, Nano Banana Pro (Gemini 3 Pro Image), includes advancements in text rendering, world knowledge, creative controls and more. Here are some tips to get the most out of the model.

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We've given Nano Banana a massive upgrade. Built on Gemini 3, Nano Banana Pro is our most advanced image model to date, ready to bridge the gap between

imagination and professional execution.

Available now in the Gemini app and starting to roll out in AI Studio, Vertex and more, it features state-of-the-art text rendering in over multiple languages, and advanced controls like the ability to input up to 14 images into a composition (varies by surface).

To get started with this powerful new model, check out our [launch post](#) and this guide below on crafting effective professional prompts.

Establishing the vision: Story, subject and style

To achieve the best results and have more nuanced creative control, include the following elements in your prompt:

- **Subject:** Who or what is in the image? Be specific. (e.g., a stoic robot barista with glowing blue optics; a fluffy calico cat wearing a tiny wizard hat).
- **Composition:** How is the shot framed? (e.g., extreme close-up, wide shot, low angle shot, portrait).
- **Action:** What is happening? (e.g., brewing a cup of coffee, casting a magical spell, mid-stride running through a field).
- **Location:** Where does the scene take place? (e.g., a futuristic cafe on Mars, a cluttered alchemist's library, a sun-drenched meadow at golden hour).
- **Style:** What is the overall aesthetic? (e.g., 3D animation, film noir, watercolor painting, photorealistic, 1990s product photography).
- **Editing Instructions:** For modifying an existing image, be direct and specific. (e.g., change the man's tie to green, remove the car in the background)

Refining the details: Camera, lighting

and format

While simple prompts still work, achieving professional results requires more specific instructions. When crafting your prompts, move beyond the basics and consider these advanced elements:

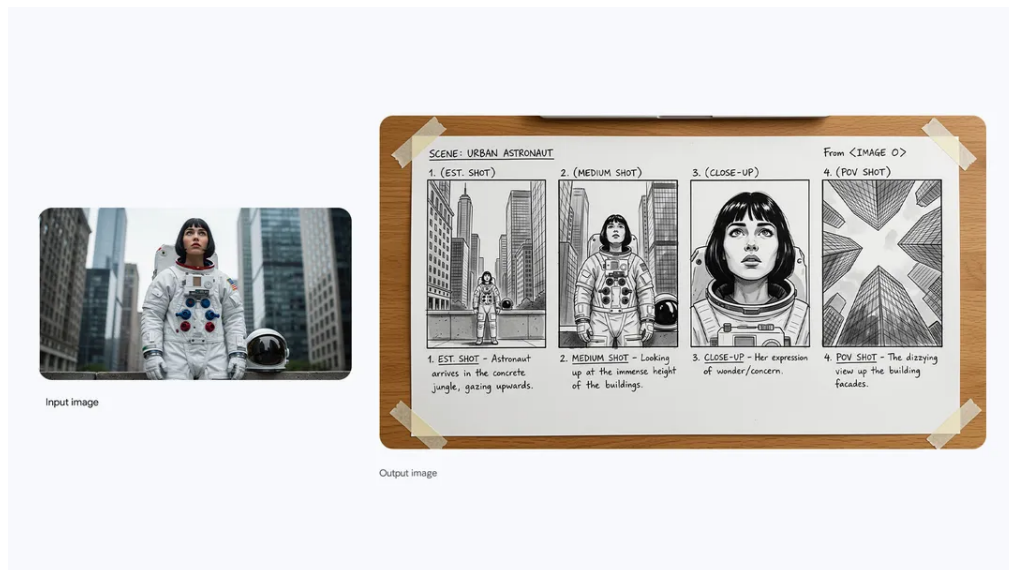
- **Composition and aspect ratio:** Define the canvas. (e.g., "A 9:16 vertical poster," "A cinematic 21:9 wide shot.")
 - **Camera and lighting details:** Direct the shot like a cinematographer. (e.g., "A low-angle shot with a shallow depth of field (f/1.8)," "Golden hour backlighting creating long shadows," "Cinematic color grading with muted teal tones.")
 - **Specific text integration:** Clearly state what text should appear and how it should look. (e.g., "The headline 'URBAN EXPLORER' rendered in bold, white, sans-serif font at the top.")
 - **Factual constraints (for diagrams):** Specify the need for accuracy and ensure your inputs themselves are factual (e.g., "A scientifically accurate cross-section diagram," "Ensure historical accuracy for the Victorian era.").
 - **Reference inputs:** When using uploaded images, clearly define the role of each. (e.g., "Use Image A for the character's pose, Image B for the art style, and Image C for the background environment.")
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Prompting examples: A showcase of creative techniques

Different prompting strategies can help you craft everything from photorealistic edits to fantastical new worlds. Here are some techniques to try:

1. **Generate visuals with incredible text rendering:** Sharp, legible text helps you create impactful posters, intricate diagrams, and even detailed product mockups.
2. **Create with real-world knowledge:** Built on [Gemini 3 Pro](#), Nano Banana uses Gemini 3's real-world knowledge and deep reasoning capabilities to deliver precise, detailed, rich image results.

3. Translate and localize your ideas: Generate localized text, or translate text inside images. See what products might look like in [multiple languages](#), ready for international markets, and create posters and infographics for use across different regions.



Caption: A black and white storyboard sketch showing an establishing shot, medium shot, close-up, and POV shot for a film scene.

Prompt: Create a storyboard for this scene



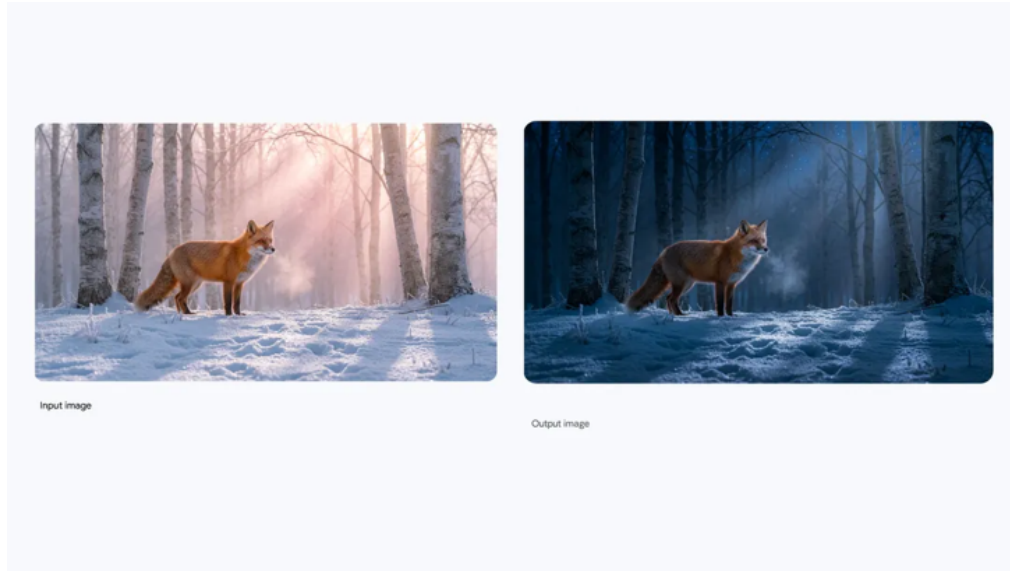
4. Use studio-quality control edits: Get extensive controls for professional-grade results. Directly influence lighting and camera settings like angle, focus, color grading and more.

5. Resize with precision: Experiment with different aspect ratios and generate crisp visuals at 1K, 2K or 4K resolution across various products.

6. Blend images and keep multiple characters consistent: Maintain the consistency and resemblance of multiple characters, even when they appear together in a group. Take up to 6 to 14 (input number varies by surface) entirely unconnected images and blend them to create something new.

7. Create and maintain your brand look and feel: Render and apply designs with consistent brand styling to visualize concepts easily. Seamlessly drape patterns,

logos, and artwork onto 3D objects and surfaces—from apparel to packaging—while preserving natural lighting and texture.



Prompt: Turn this scene into nighttime



A note on current limitations

As we continue to develop and fine-tune our models, there are still areas in need of improvement:

- **Visual and text fidelity:** Rendering small text, fine details, and producing accurate spellings may not work perfectly.
- **Data and factual accuracy:** Always verify the factual accuracy of data-driven visuals like diagrams and infographics.
- **Translation and localization:** Multilingual text generation may make grammar mistakes or miss specific cultural nuances.
- **Complex edits and image blending:** Advanced editing tasks like blending or lighting changes can sometimes produce unnatural artifacts.
- **Character features:** While usually reliable, character consistency across edits may vary.

We're actively working to improve these areas and appreciate your creativity as we build the next generation of image tools together.

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