



**Jim Fan** @DrJimFan Mon Apr 03 16:06:18 +0000 2023

Just got access to Adobe Firefly! How does the world's leading creative tool maker fare against MidJourney, a self-funded 11-person team?

Let's check it out. Left is Firefly and right is MidJourney V5. Prompt in "ALT" button on lower-left corner.

Deadpool posing on a car. 1/■ <https://t.co/p5b3NTZNIW>



Super Mario in a dim lit street with a big reflection in a puddle. Firefly's interpretation of "Super Mario" is ... exotic (?) ■

Prompt and image credits to [@LinusEkenstam](#) [@vitomotiv](#).

2/ <https://t.co/uTtYCrO57c>





Same prompt as above but for Pikachu. Again, somehow Firefly does not fully get these famous characters. Maybe a training data copyright issue?

Prompt and MJ image credits to [@LinusEkenstam](#) [@vitomotiv](#).

3/ <https://t.co/g69zVjJigX>





Next, who is the better portrait photographer?

Photo of a large crowd of commuters in Tokyo, sharply focused faces, but it's the woman in red that commands your attention. Warm glow, elegance.

Prompt & MJ image credit: [@nickfloats](#)

4/ <https://t.co/FWtLKB7y1o>

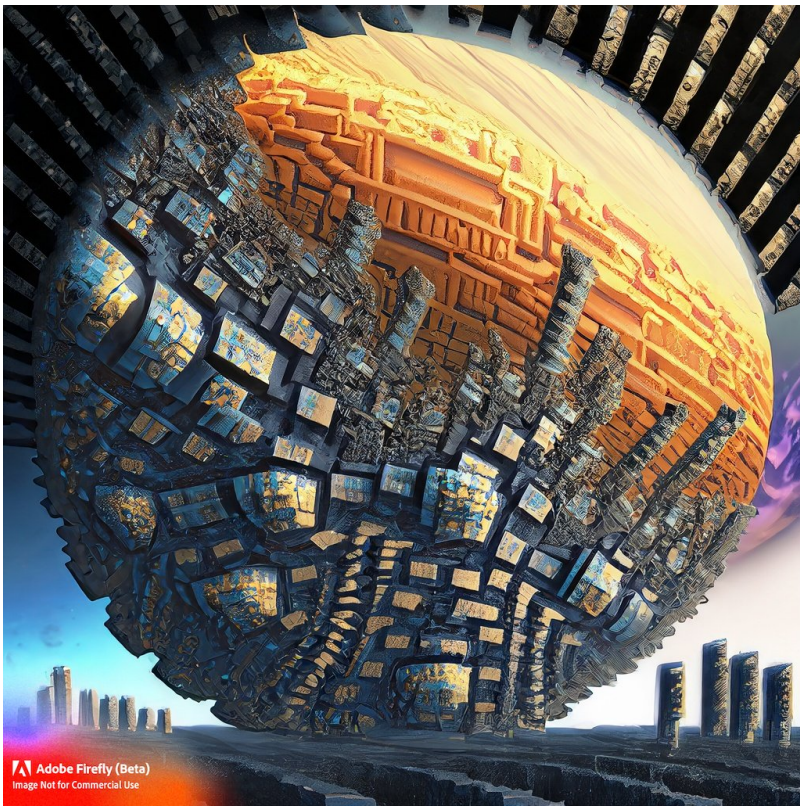


How about some sci-fi?

Abstract fractal circular mosaic city architecture.

Prompt & MJ image credit: [@chetbff](#) [@BambuuArt](#)

5/ <https://t.co/lrG4ILXASI>



Now let's do some mobile app icon design. Does Firefly even know what an app icon is?

iOS app icon, Sci-fi planet landscape with skeuomorphic style.

Prompt & MJ image credit: [@followmarcos](#)

6/ <https://t.co/fb1vJxf3ma>



The "human finger" test is becoming the new visual Turing Test. It's the final moat that Diffusion needs to conquer to become truly sentient ■.

A stunning young Jamaican woman wearing white retrofuturistic sequin Gucci gown, standing in the desert.

Credit: [@nickfloats](#)

7/ <https://t.co/Dusi6Sgsoj>







Finally, a landscape photo. It turns out to be an easy task that both Firefly and MJ excel.

Red Ferrari F40 in Dandelions at the Lake Seealpsee.

Prompt & MJ image credit: [@heyBarsee](#)

8/ <https://t.co/4mp9heT7rW>



Note: these prompts are heavily optimized for MidJourney, so that may give it an unfair advantage. However, I did try a few variations but still couldn't get better results. I'm not a prompt ninja, so your mileage may vary.

Still, I'm grateful for Adobe's early beta access! /■

Note 2: Firefly is only trained on Adobe Stock and fully licensed images. The data curation is very conservative, which may cripple its performance.

I also included examples without copyrighted characters in the thread.

Note 3: Adobe research scientist [@vdeschaintre](#) has a good point: it may be a significant plus for companies who must ensure the IP copyright of the output image. They may be more than willing to sacrifice quality for legality, which makes MJ a less appealing option.

Thanks for all your feedback. I wrote a summary note to give Firefly's approach fair and proper credits:

<https://twitter.com/DrJimFan/status/1642967379939573761?s=20>