

AI IMAGE GENERATORS

The tool

An AI image generator is a tool that uses artificial intelligence to generate realistic images from text descriptions. It is based on a deep learning algorithm trained on a large dataset of images and their corresponding descriptions. You can enter a prompt, pick an art style and the AI will bring your idea to life.



There are many AI image generators available such as: [Midjourney](#), [Stable Diffusion](#) or [DALL-E 2](#).

Description

Material required

Internet connexion. For a local stable diffusion install: Windows 10/11, NVidia RTXGPU with 8 GB of VRAM, 25 GB of local disk space.

Investment required

For online generative Ais, a few tenths of euros per month.

Possible uses

Visuals or logos for your designs or blog post articles, Youtube Video thumbnails, literally anything visual!

Possible restriction

Be aware that AI-generated art is not submitted to copyrights. You are not the owner of the images you generate if you don't modify them. Anyone could copy and use them for free.

Technical difficulty (skills needed): ★ ★ ★

Environmental Impact

The tools mentioned have a high environmental impact



Regular Internet searching already requires quite hefty resources, but AI computing needs a lot more. Training the AI models also requires a lot of energy. You can reduce this impact by running a local version of stable diffusion on your machine.

Is it inclusive?

The tools' web-interfaces are user-friendly, except for Stable Diffusion which is a bit crowded. However, there are no specific features for SLD embedded in any of the tools.



Co-funded by
the European Union

Funded by the European Union (Project code: 2021-1-FR01-KA220-VET-000033162). Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.



This work is licensed under the Creative Commons Attribution- NonCommercial-ShareAlike 4.0 International License (<http://creativecommons.org/licenses/by-nc-sa/4.0/>).

