

Programme communication for beginners

# A brief introduction to the text-to-image AI tools.

Arkam Ograk/ Interact office Vienna / 28.06.2023

**Interact**



Co-funded by  
the European Union  
Interreg

# Current *AI image tools* can do:

## Generation

Using prompts, images can be generated from scratch.

## Modification

The generated images can be edited.

## Expansion

The images can be further expanded using prompts. AI fills in the empty space.



Image generated by OpenArt,  
using only the prompt "cute  
puppy in a suit"

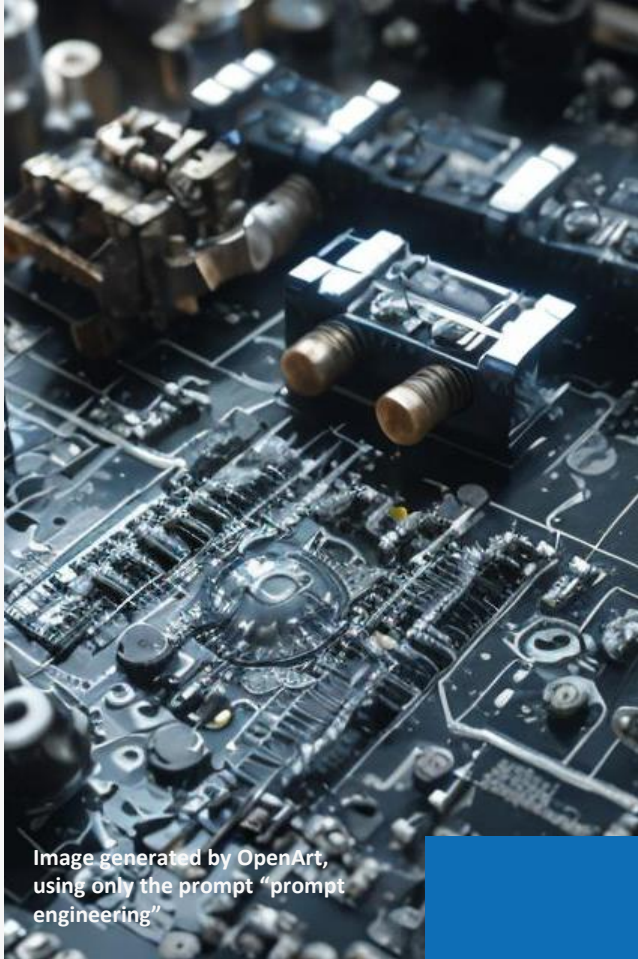
# Text-to-image models

A text-to-image model is a machine learning model which takes an input natural language description and produces an image matching that description.

Some popular ones:

- Dall-E (by OpenAI, owner of ChatGPT)
- Mid Journey AI
- Stable Diffusion
- Adobe Firefly
- many more such as Picsart, Craiyon, Jasper, Canva, PicSo, etc





# Prompt engineering

“Prompt engineering is the process of structuring words that can be interpreted and understood by a text-to-image model. Think of it as the language you need to speak in order to tell an AI model what to draw.”

Definition from [Stable Diffusion Prompt Book](#). A perfect to how prompts work for beginners.





Image generated by OpenArt,  
using the prompts "practice new  
skills, photo, realistic"



# Free tools to check out and play around



<https://openart.ai/>

A great hub to different AI models. Create your own images with prompts, learn how it works!



<https://lexica.art>

3D-focused image generation model.

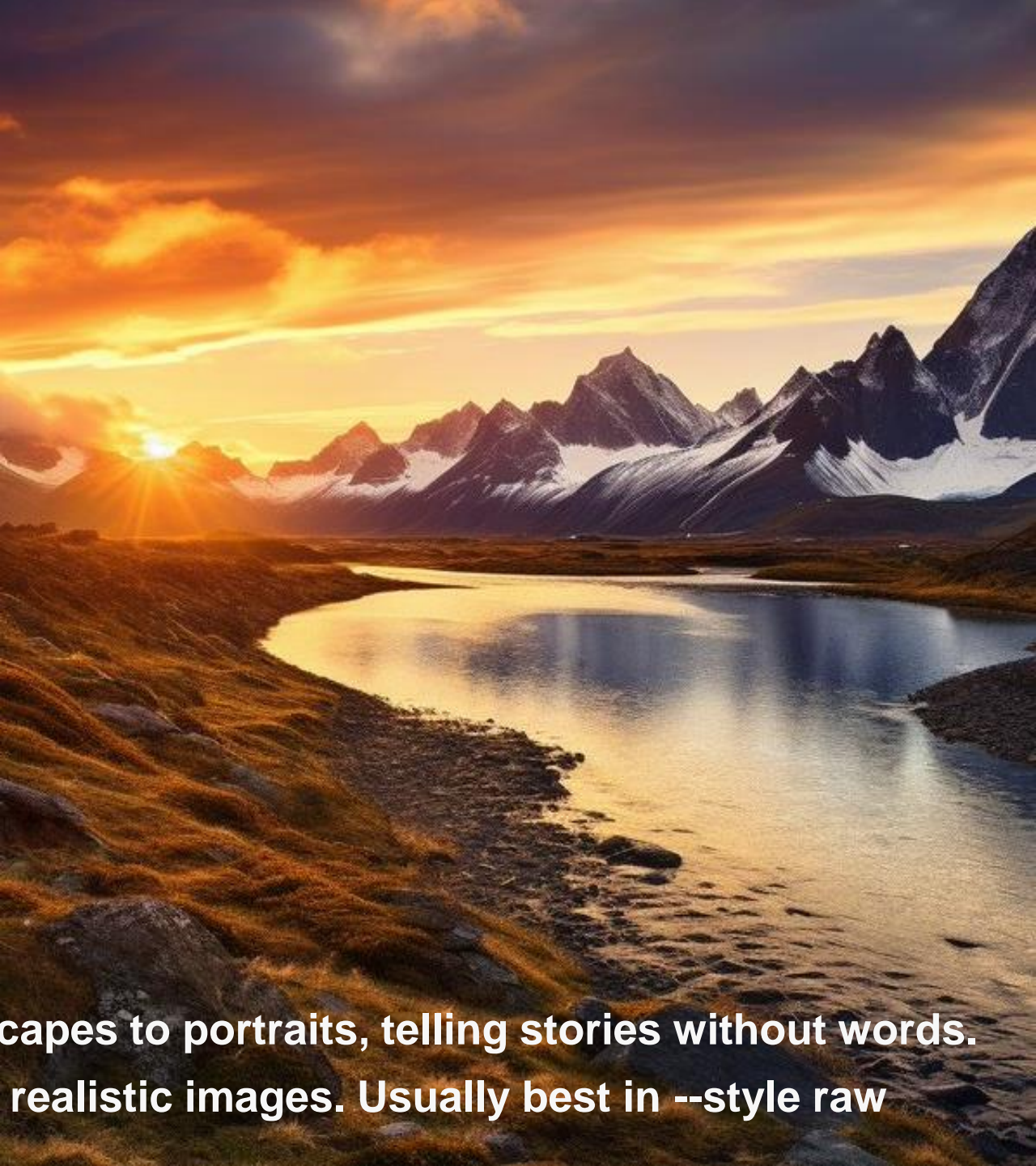
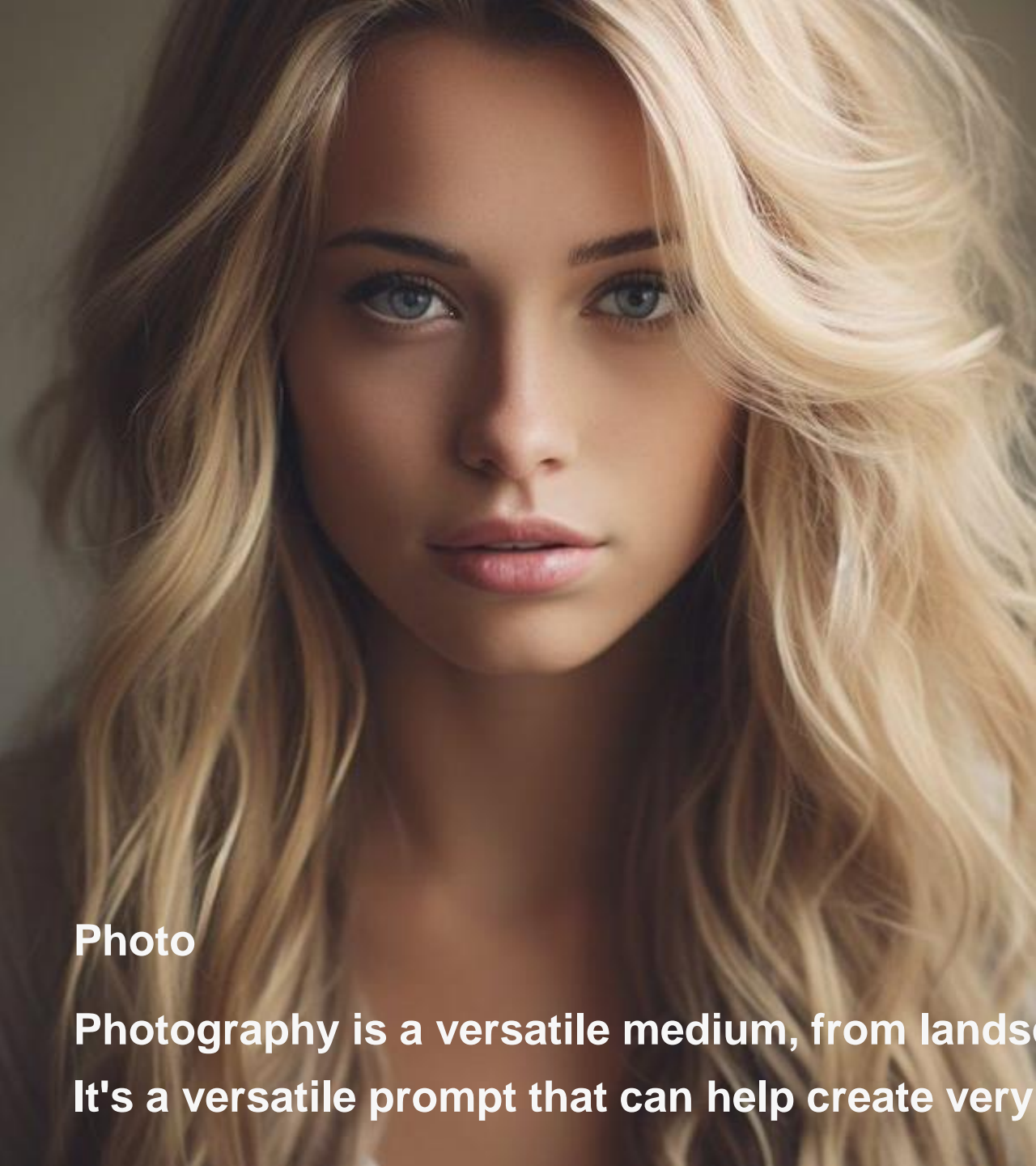


<https://playgroundai.com>

And AI image editing tool

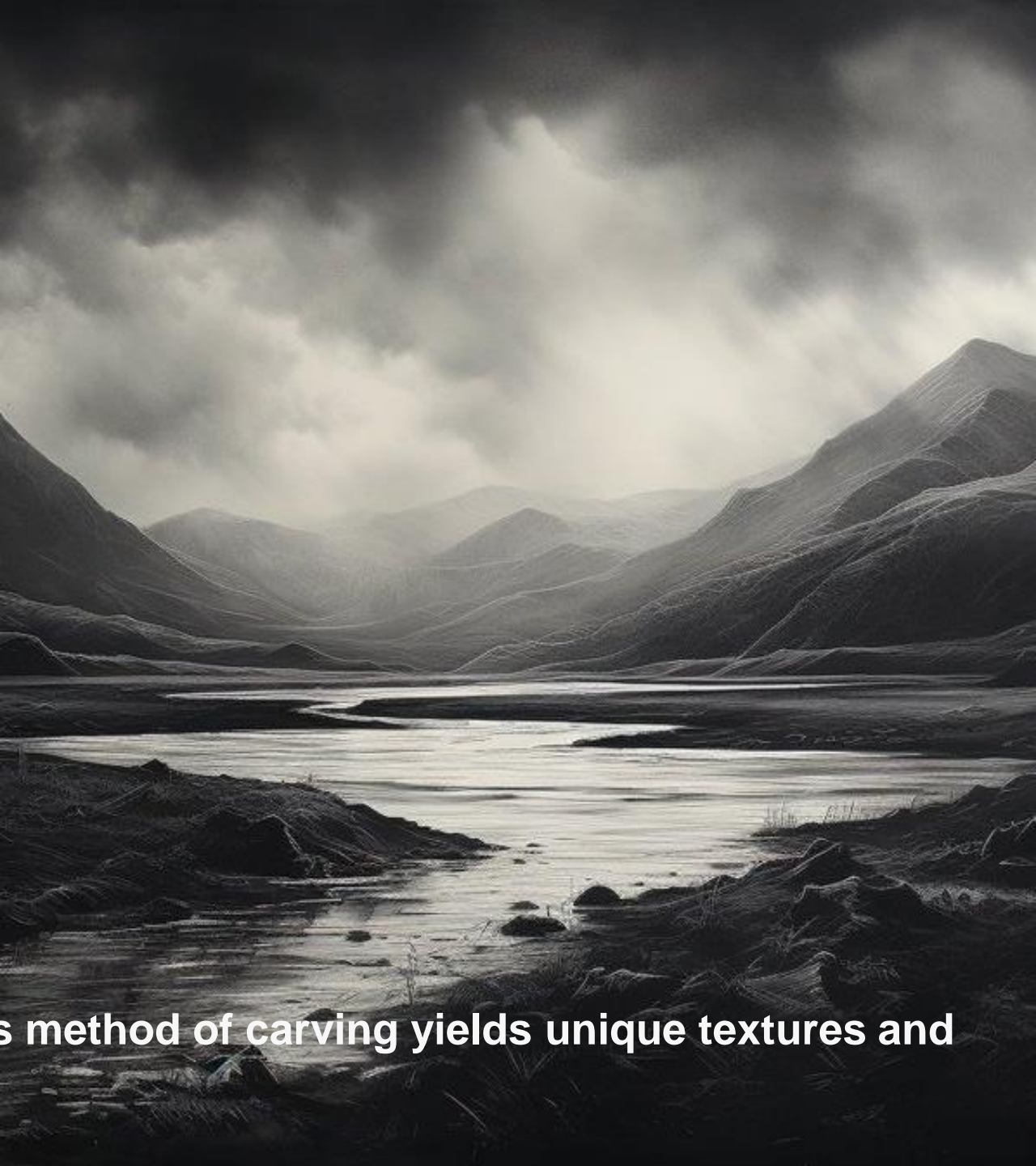
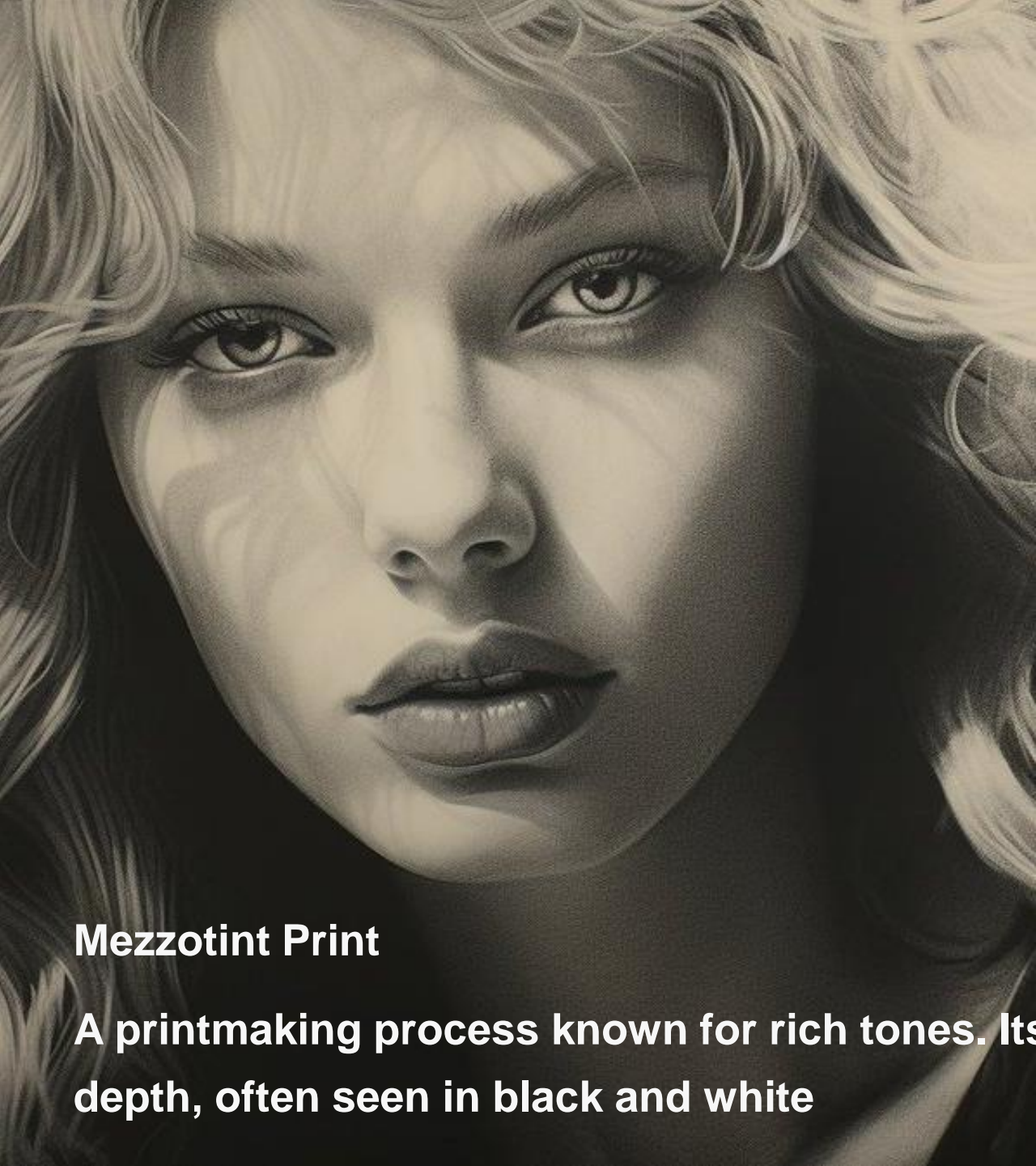
# Prompt Inspirations





**Photo**

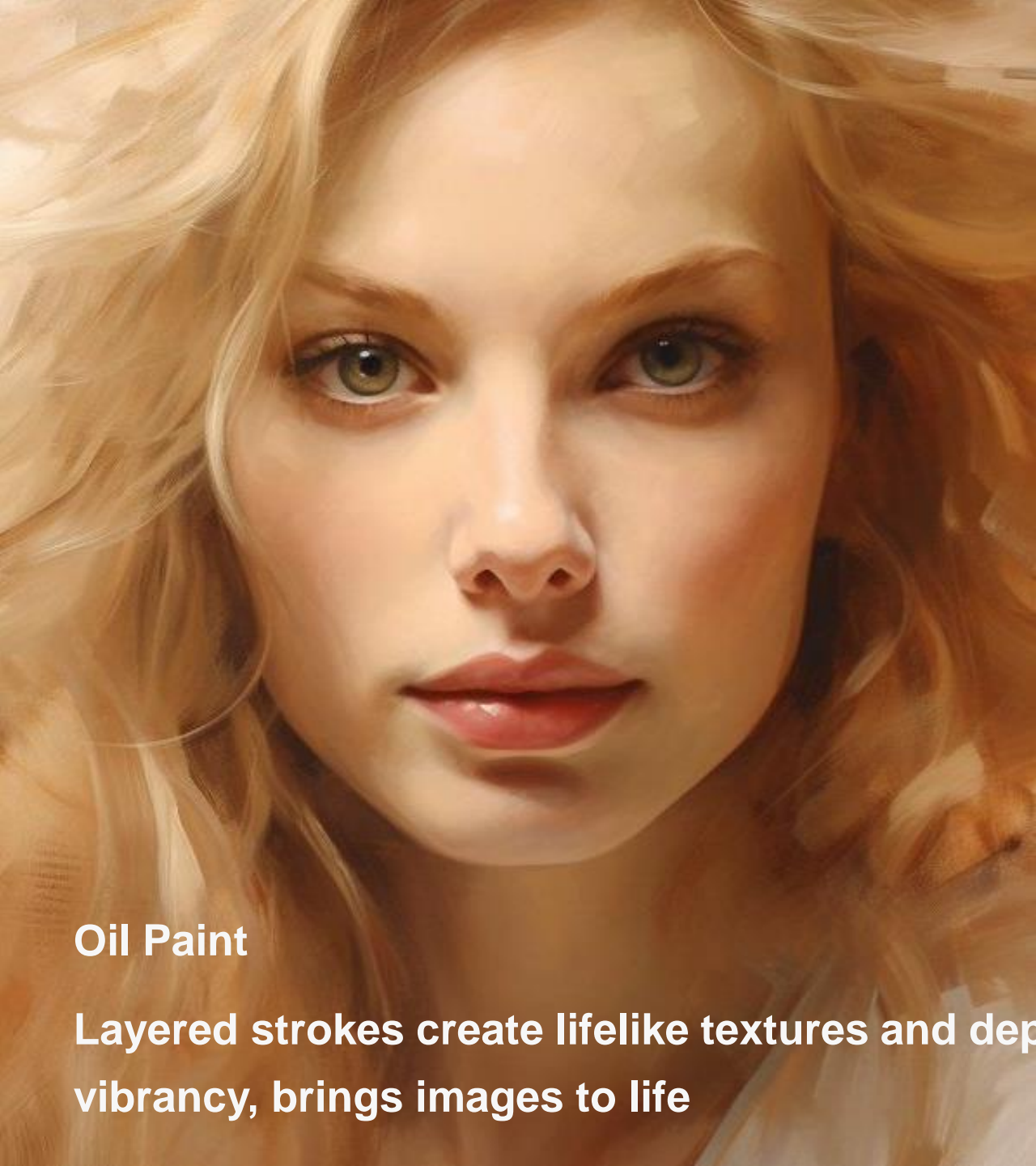
**Photography is a versatile medium, from landscapes to portraits, telling stories without words. It's a versatile prompt that can help create very realistic images. Usually best in --style raw**



## **Mezzotint Print**

**A printmaking process known for rich tones. Its method of carving yields unique textures and depth, often seen in black and white**





## **Oil Paint**

**Layered strokes create lifelike textures and depth. Oil painting, popular for its versatility and vibrancy, brings images to life**





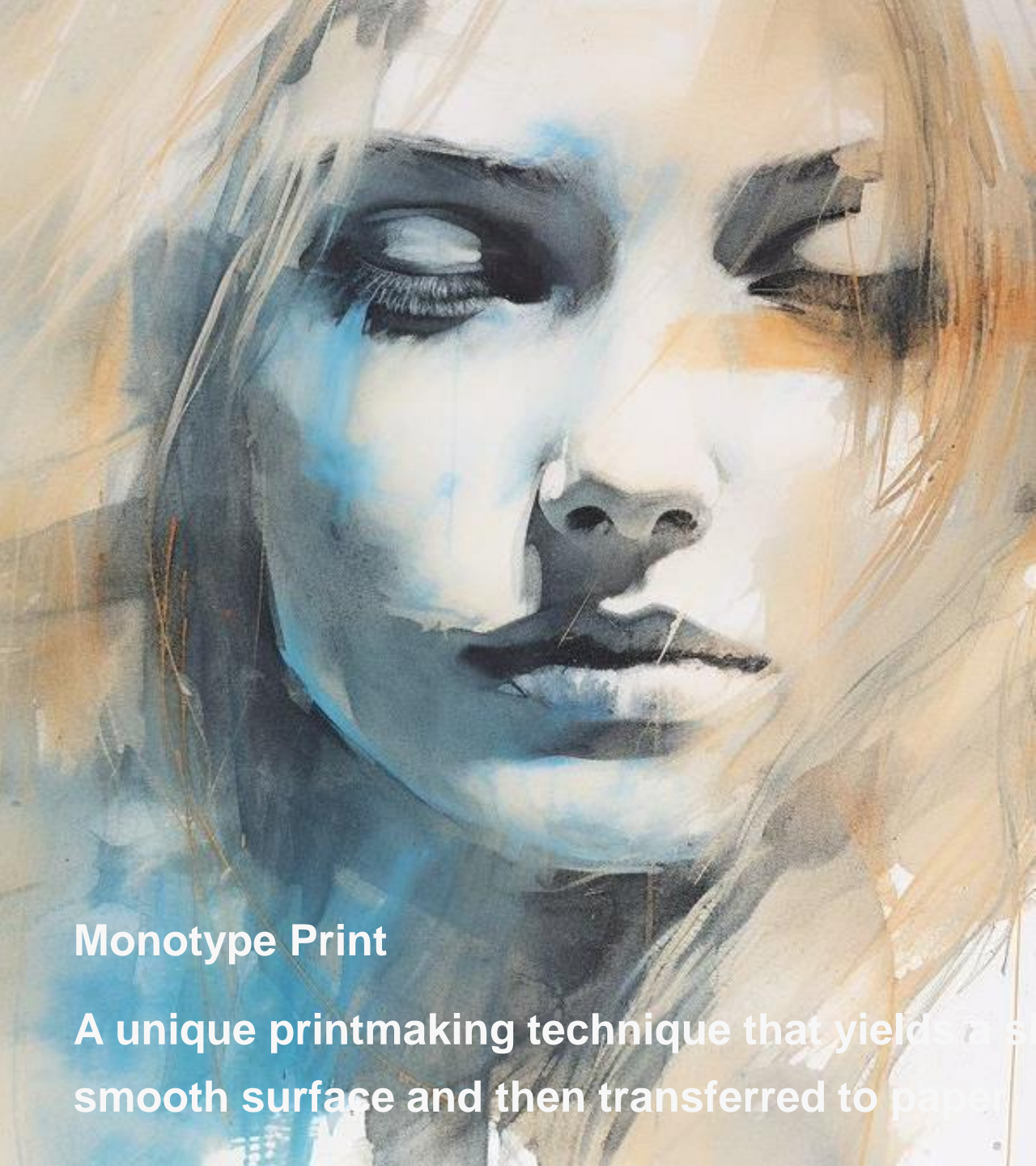
Blue Pen drawing

Simplicity and elegance using just a blue pen. It's all about linework, shading and crosshatching to create depth and contrast



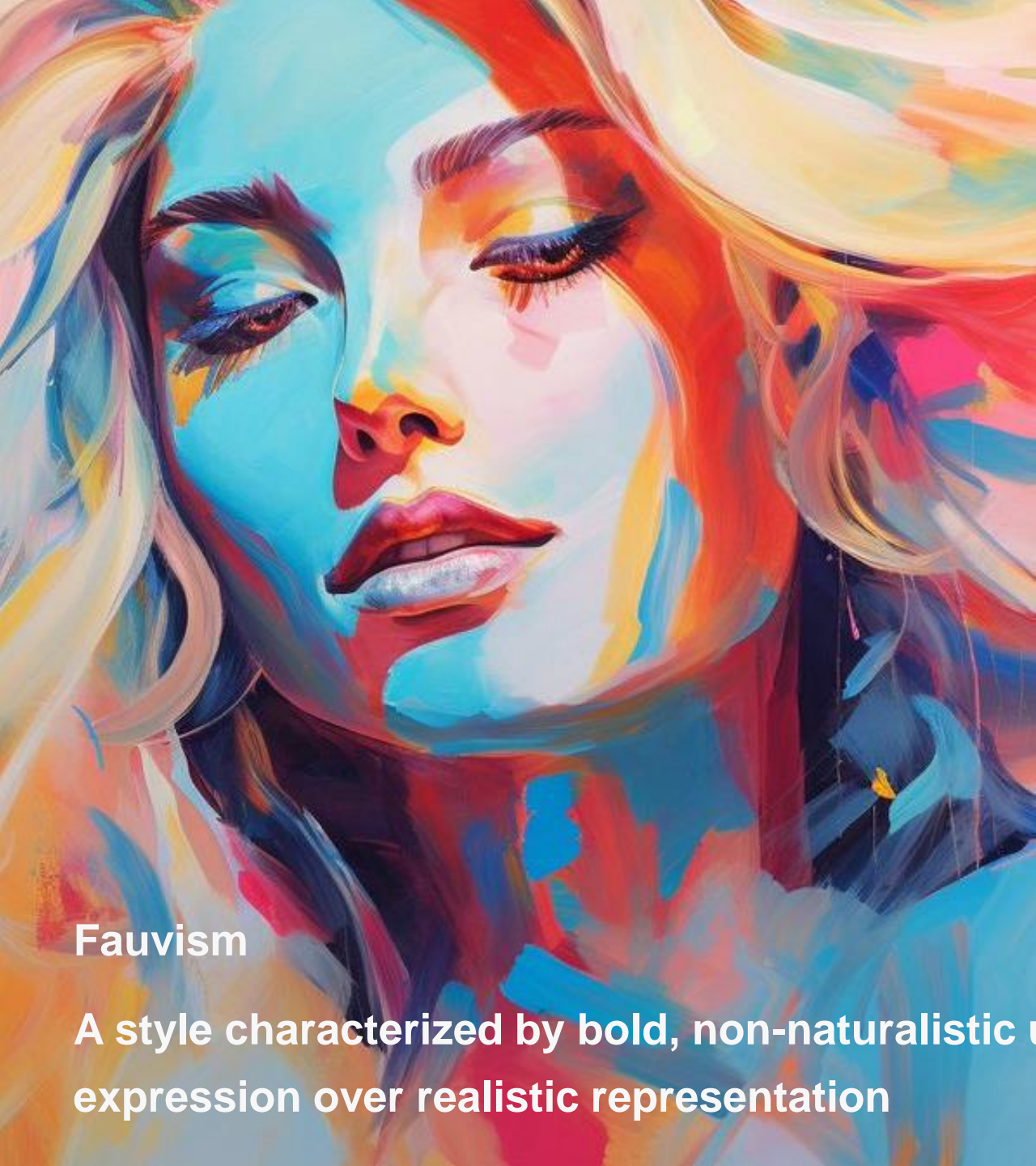
## Pyrogravure

Art made with fire, literally. Pyrogravure or wood burning, creates intricate designs on wood, using heated metallic points



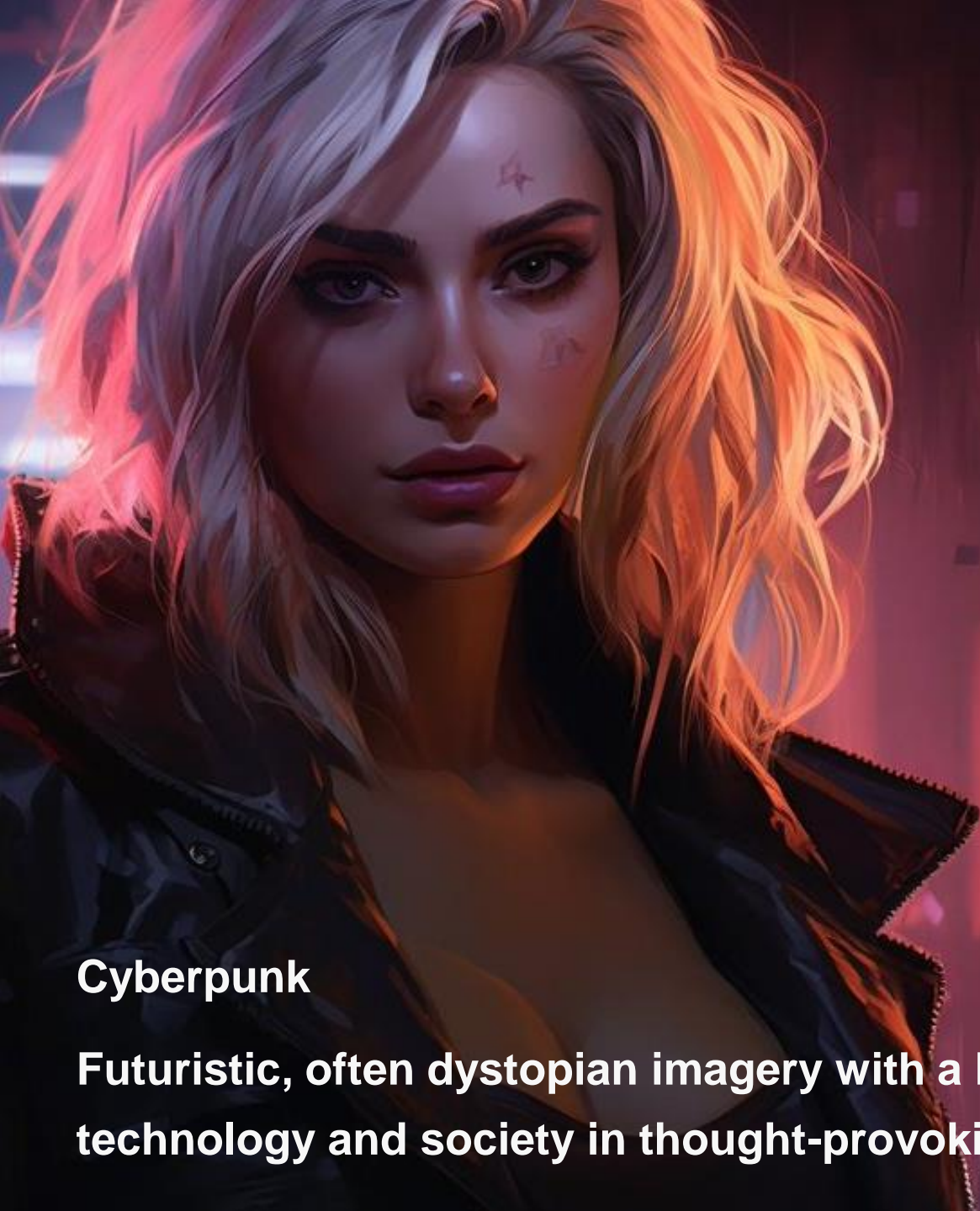
## Monotype Print

A unique printmaking technique that yields a single impression. Monotypes are painted onto a smooth surface and then transferred to paper.



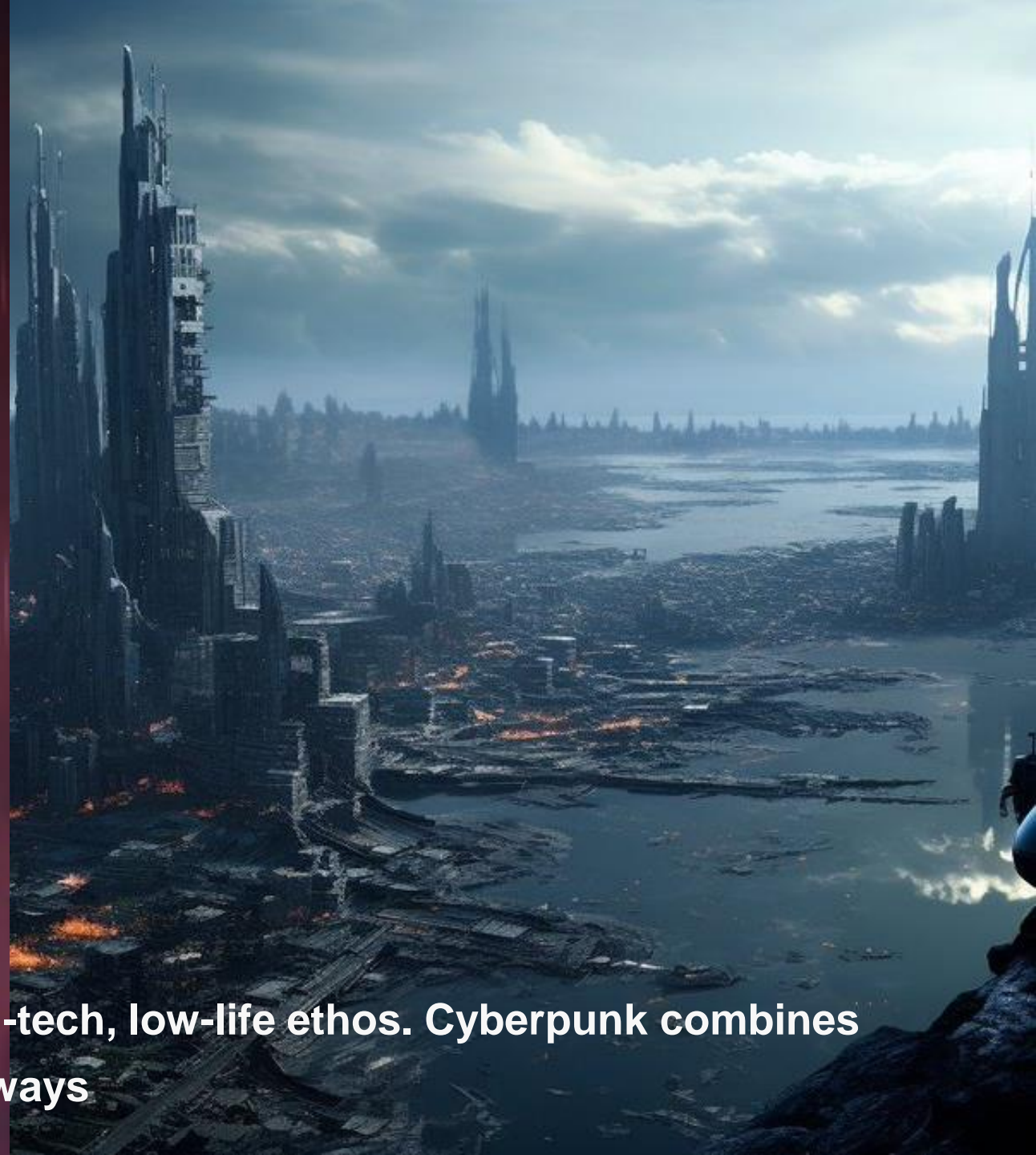
## Fauvism

A style characterized by bold, non-naturalistic use of color. Fauvism prioritizes individual expression over realistic representation



## Cyberpunk

Futuristic, often dystopian imagery with a high-tech, low-life ethos. Cyberpunk combines technology and society in thought-provoking ways





**Bento Box Art**



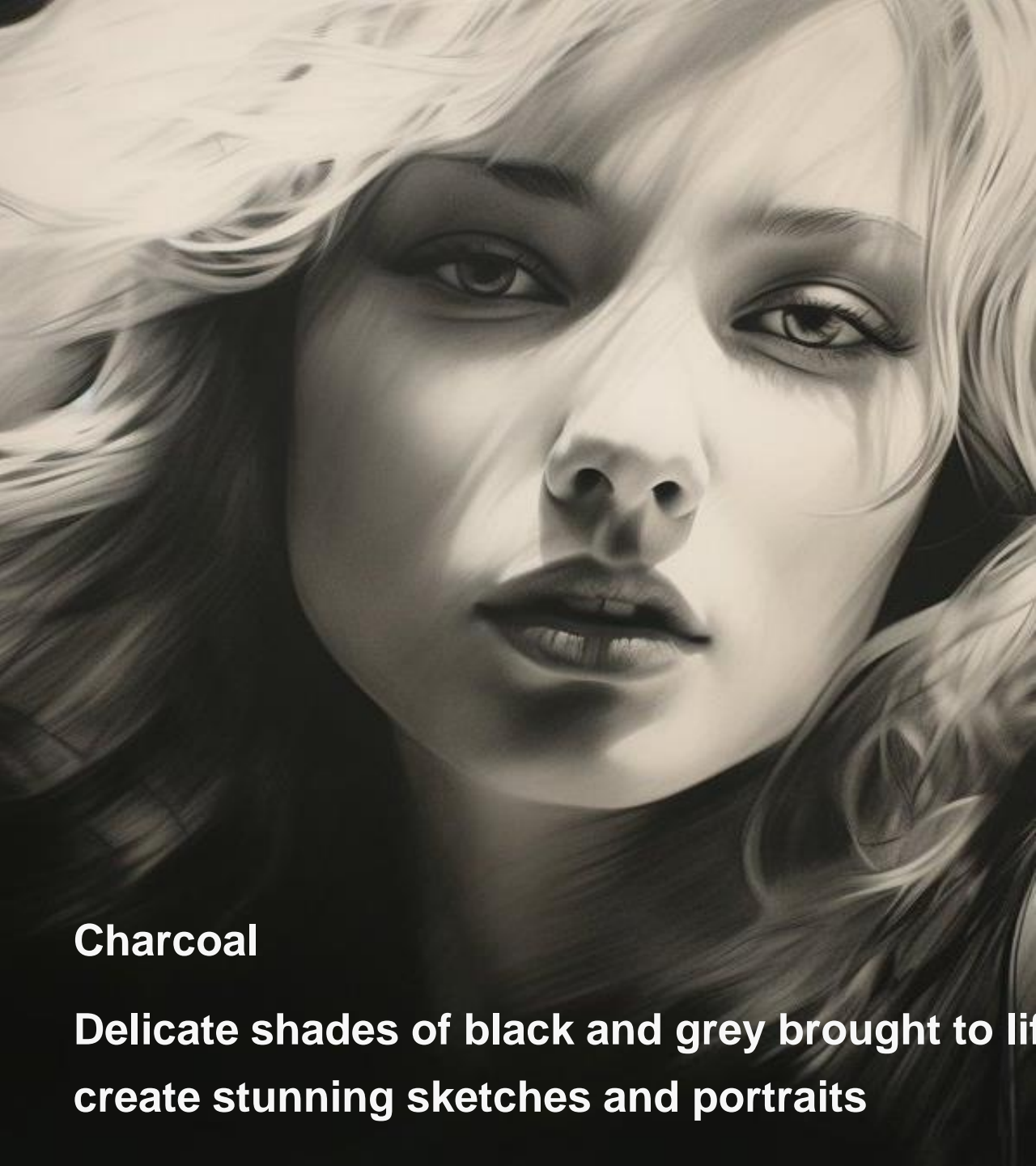
**Culinary meets visual art in a Japanese lunch box. Bento box art is about designing meals that are not just tasty, but visually appealing**



**Latte Art**

**A blend of espresso and steamed milk that serves as a canvas. Latte art is the craft of creating patterns or designs on the surface of lattes**

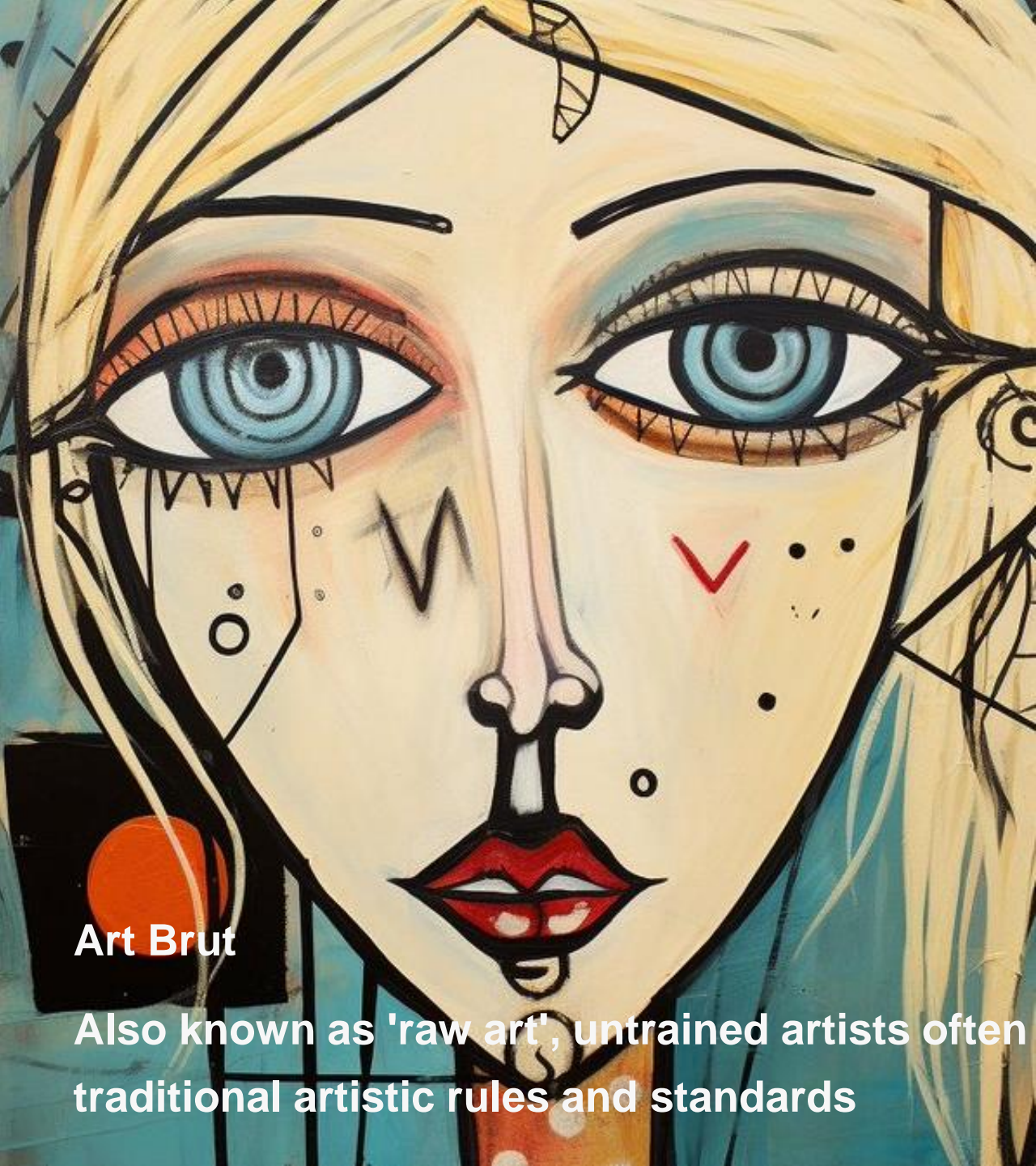




## **Charcoal**

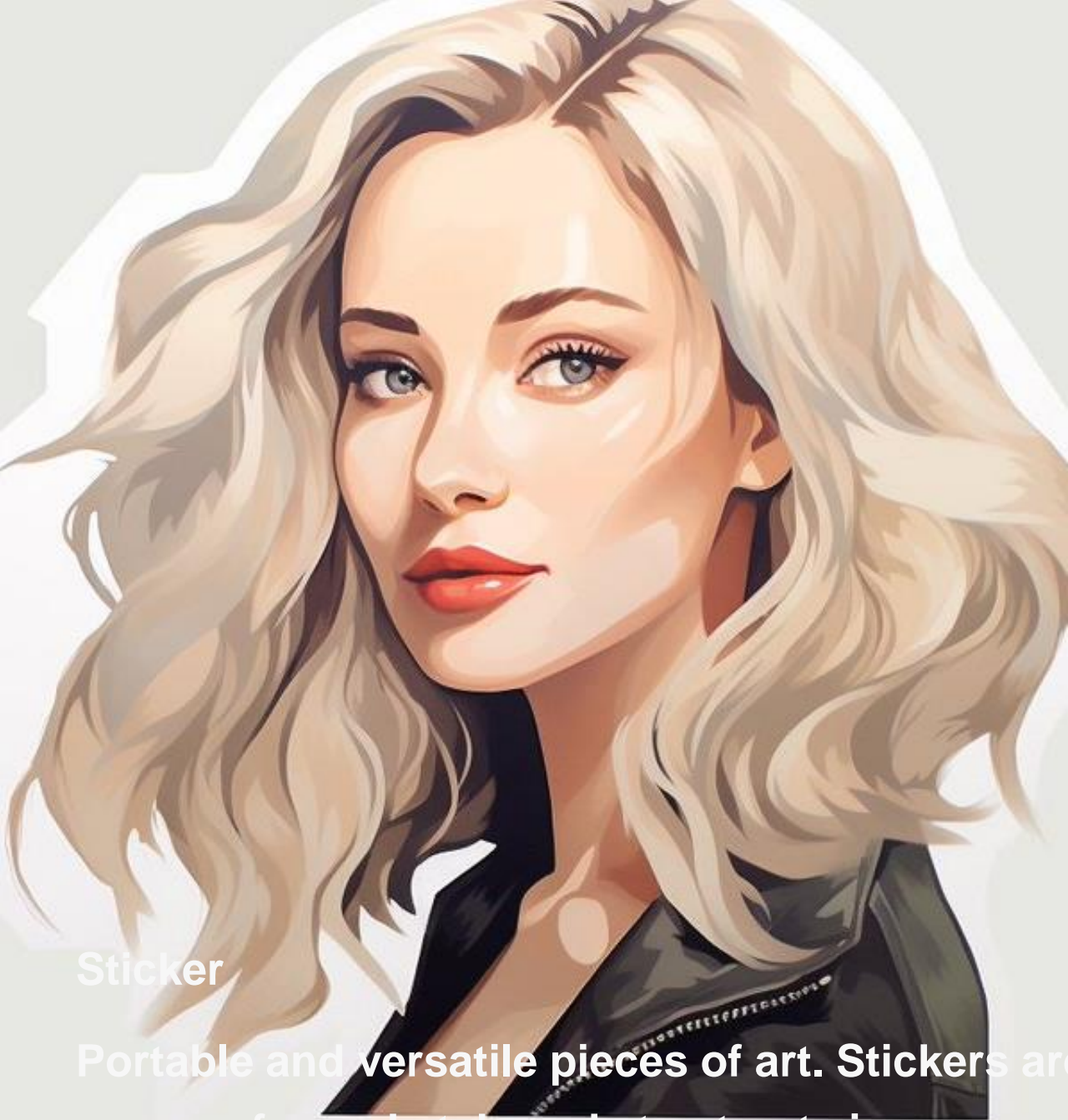
**Delicate shades of black and grey brought to life. Charcoal art uses charred sticks of wood to create stunning sketches and portraits**





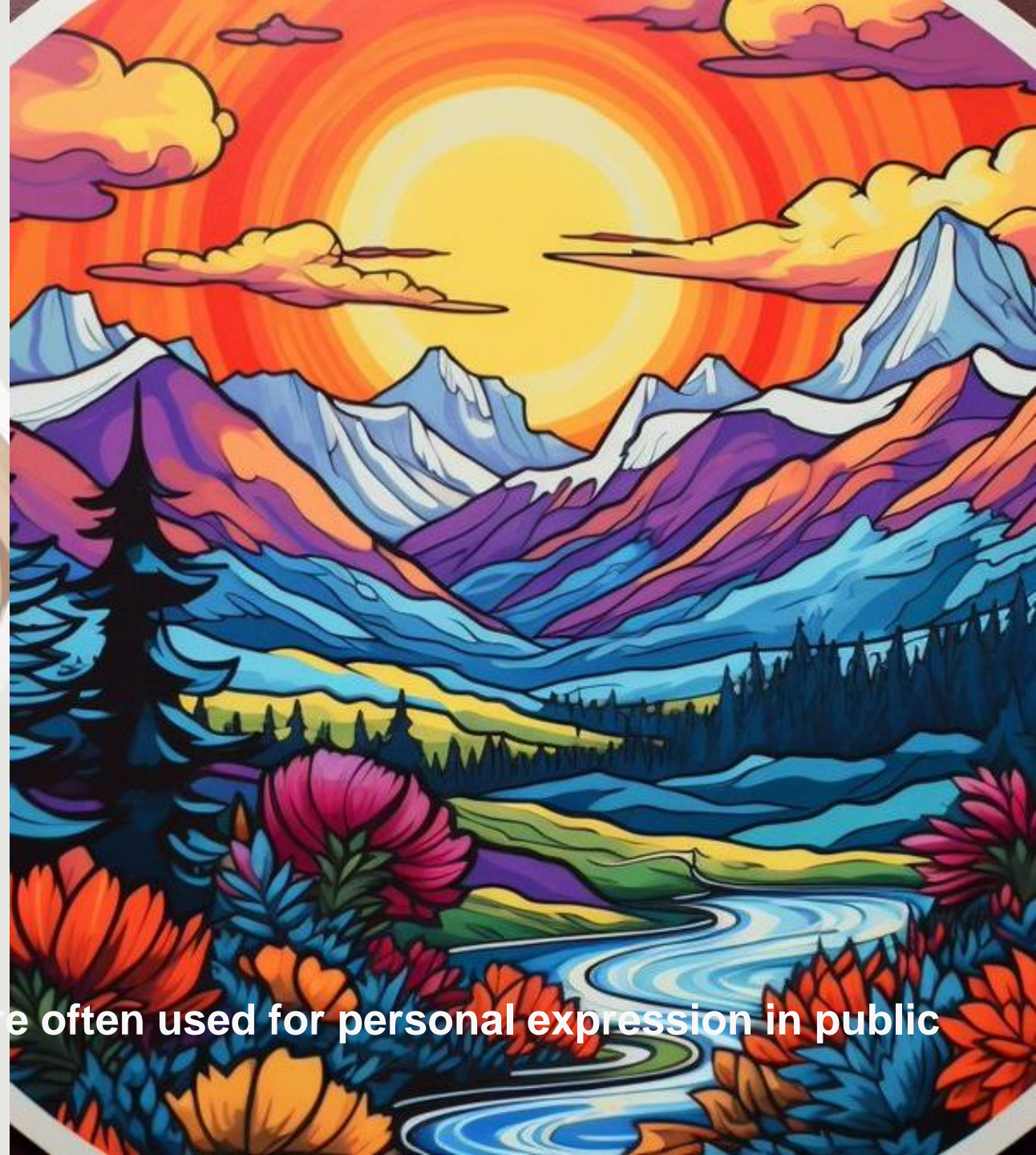
## Art Brut

Also known as 'raw art', untrained artists often create it. Art Brut is marked by its disregard for traditional artistic rules and standards



Sticker

Portable and versatile pieces of art. Stickers are often used for personal expression in public spaces, from skateboards to street signs

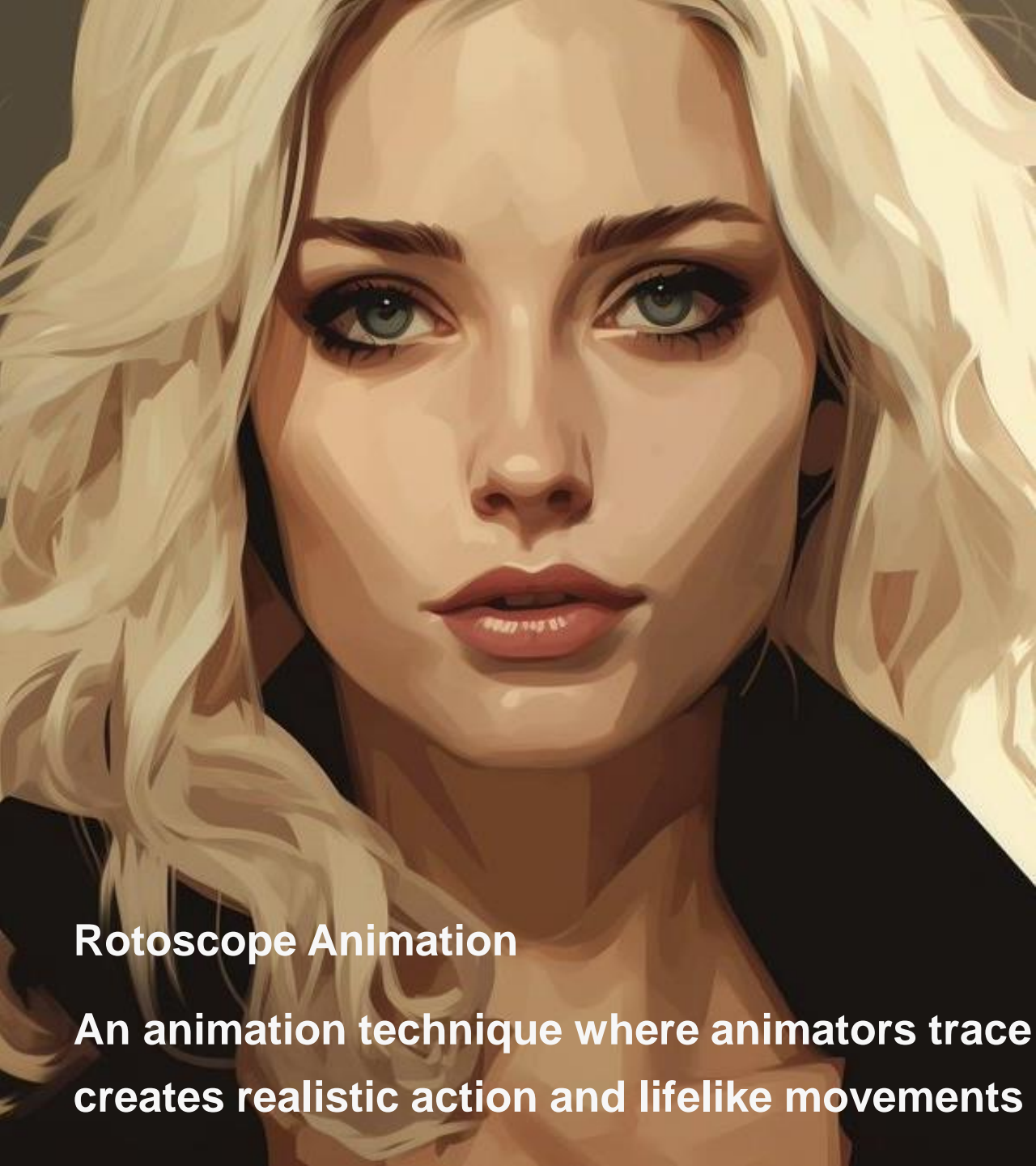




## Bas-Relief

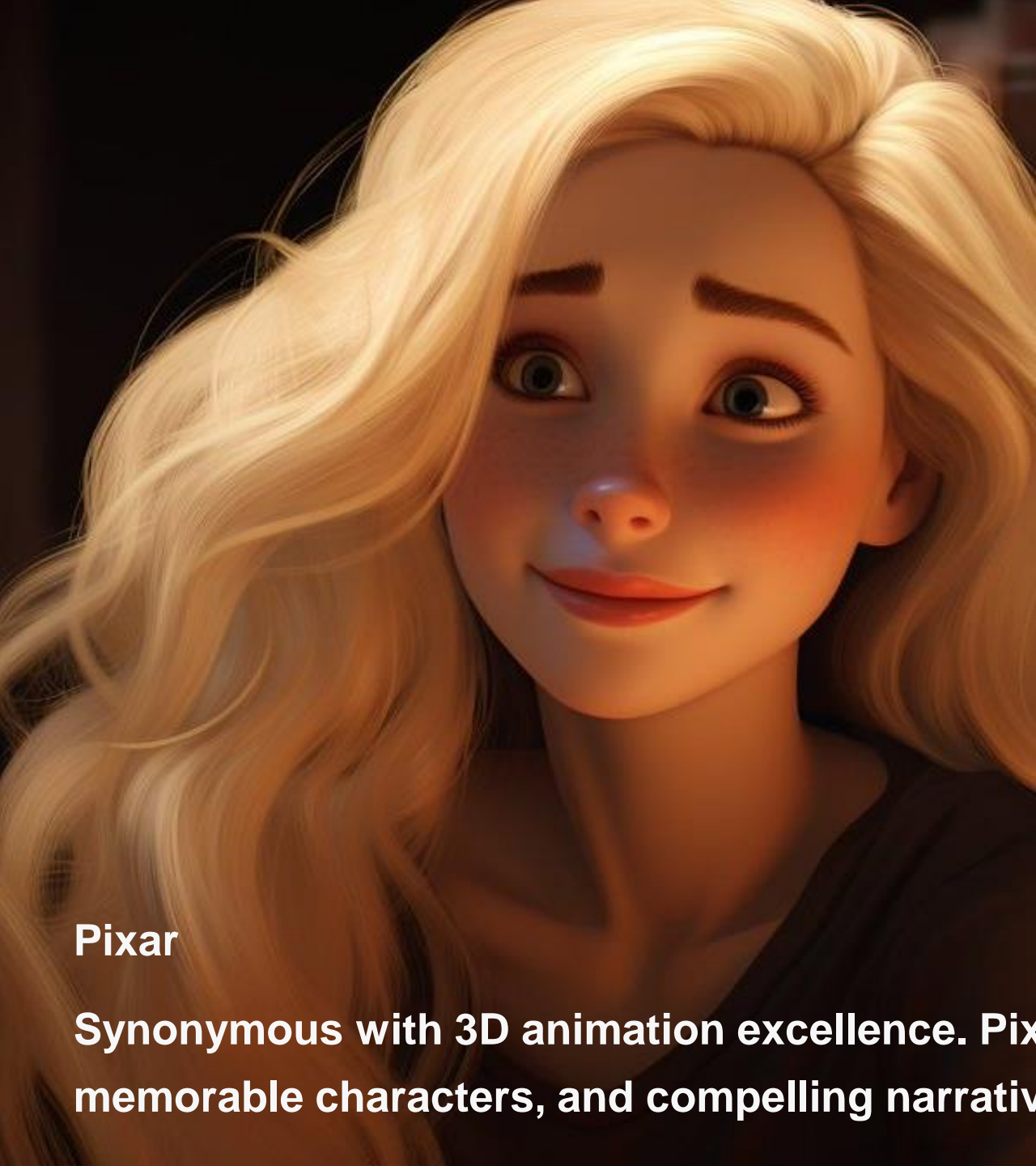
Sculpture where the design stands just slightly from the background. Bas-Relief is often seen in coins, architecture and pottery





## **Rotoscope Animation**

**An animation technique where animators trace over motion picture footage. Rotoscope creates realistic action and lifelike movements**



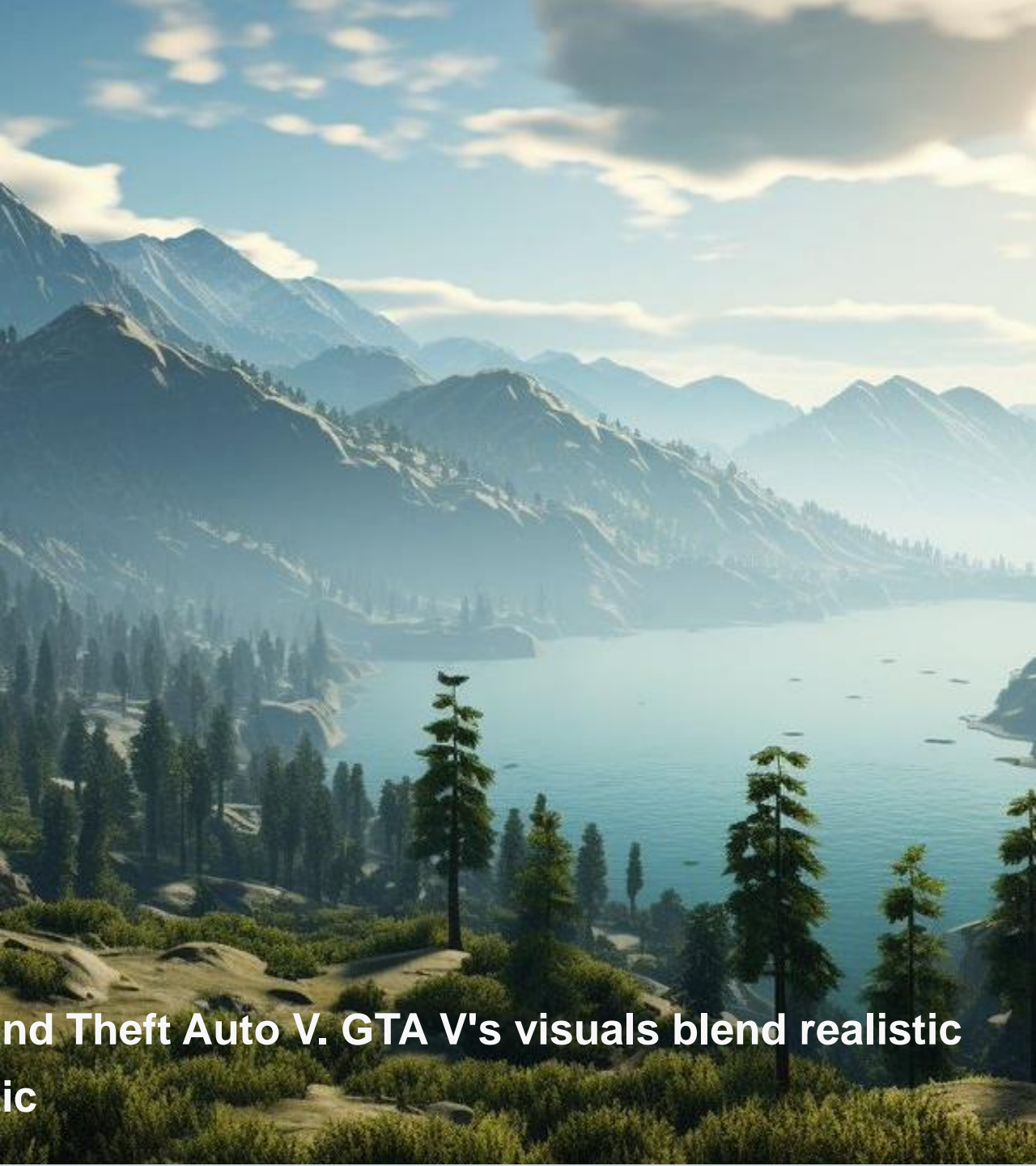
**Pixar**

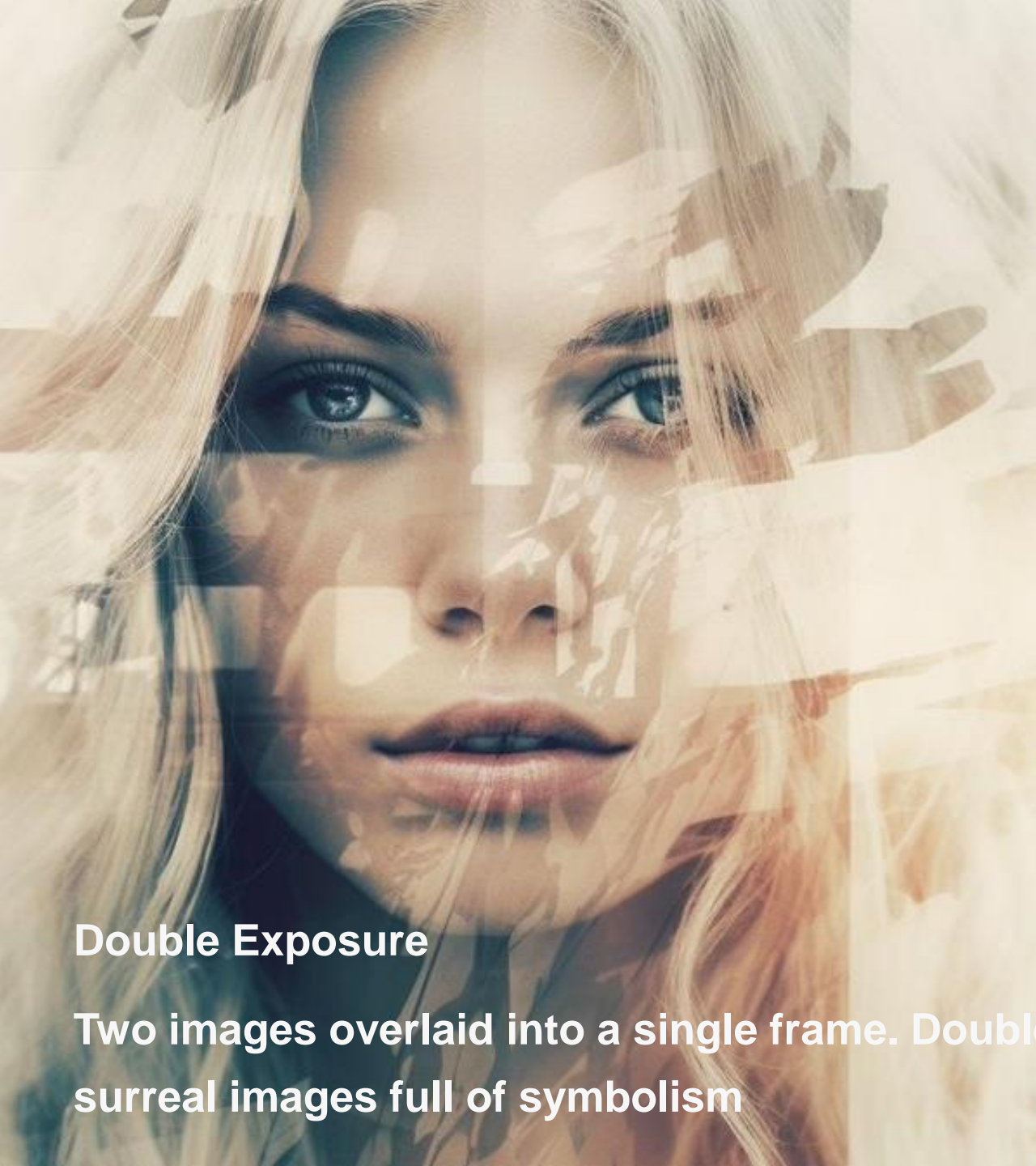
**Synonymous with 3D animation excellence. Pixar movies are loved for their detailed visuals, memorable characters, and compelling narratives**



**GTA V**

**A style inspired by the popular video game Grand Theft Auto V. GTA V's visuals blend realistic and exaggerated elements for a unique aesthetic**



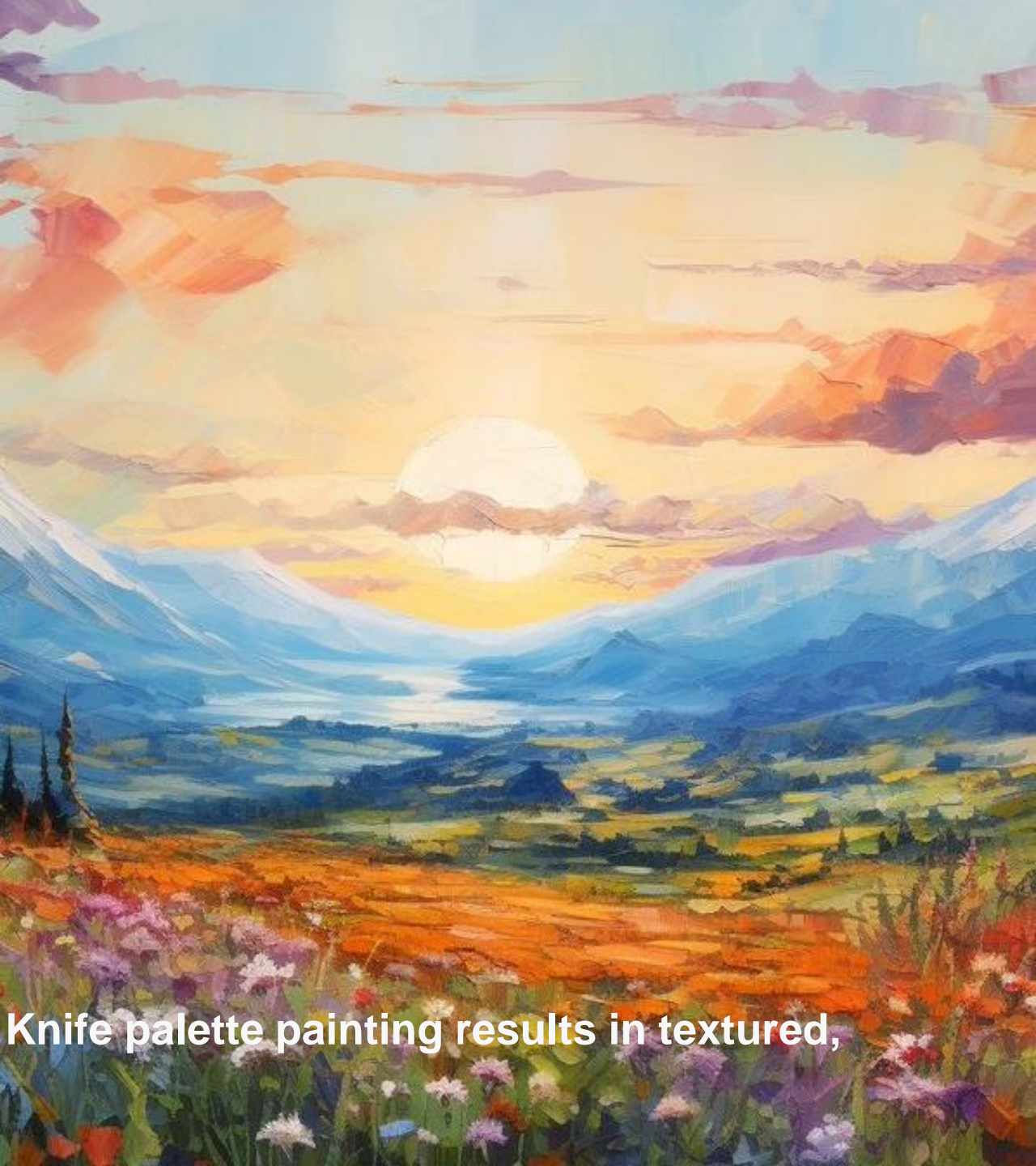


## Double Exposure

Two images overlaid into a single frame. Double exposure photography creates dreamlike, surreal images full of symbolism

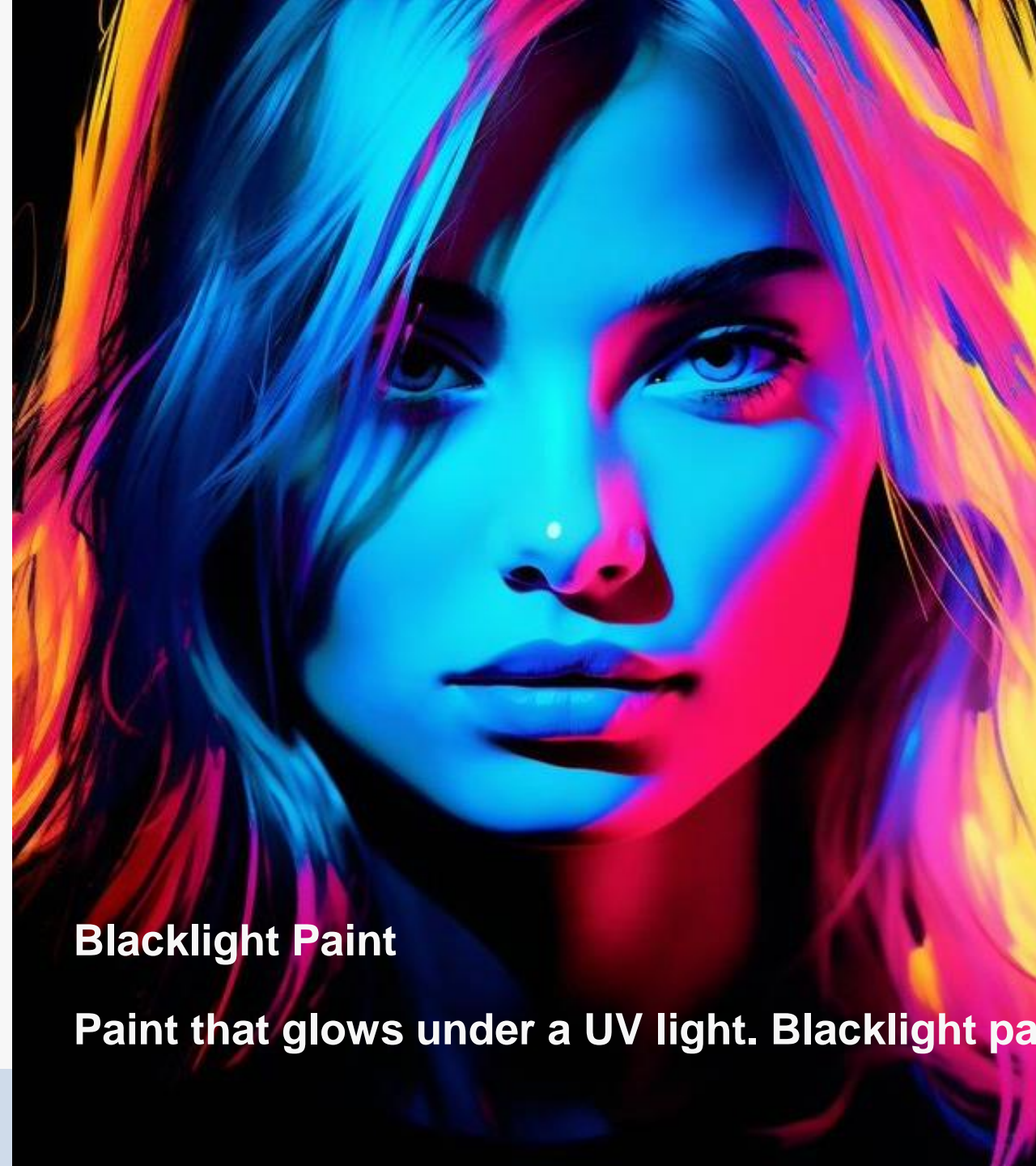






## Knife Palette Painting

Using a knife instead of a brush to apply paint. Knife palette painting results in textured, impasto effects



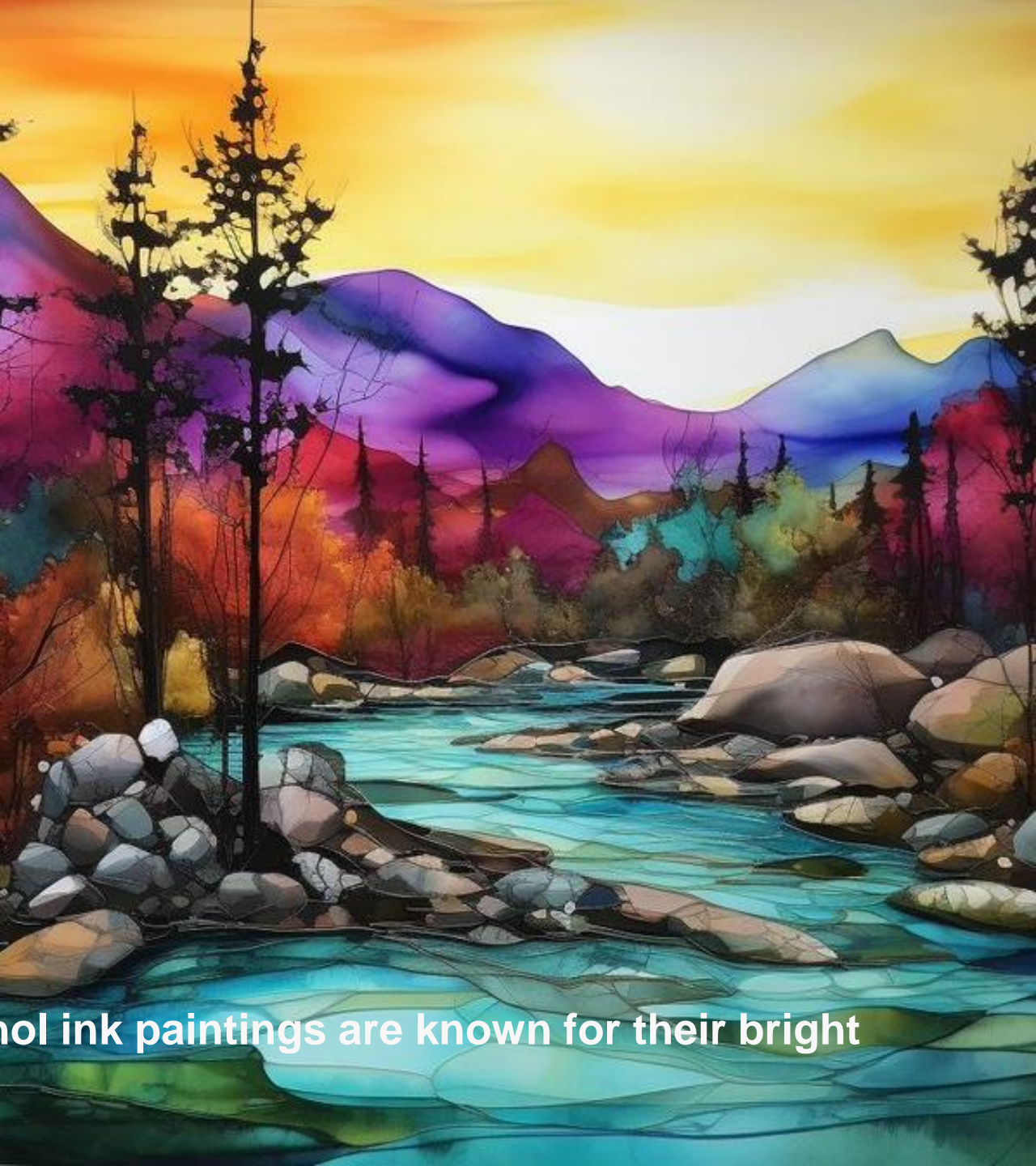
## **Blacklight Paint**

**Paint that glows under a UV light. Blacklight paint adds a neon, psychedelic dimension to art**



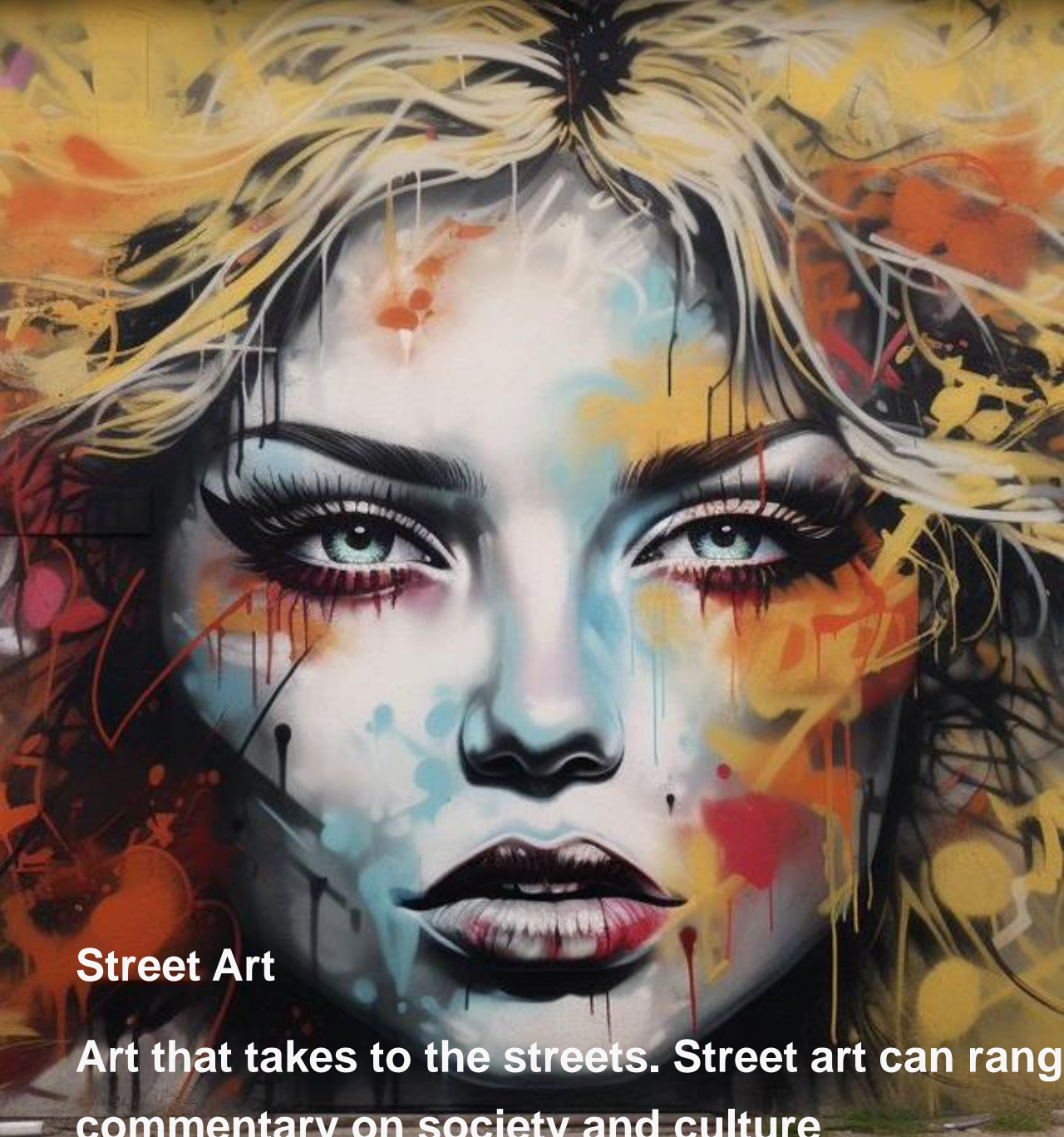
## Patchwork Collage

A composition made from pieces of different materials. Patchwork collages combine various textures and colors for a unique look



## Alcohol Ink

Fluid and vibrant, perfect for abstract art. Alcohol ink paintings are known for their bright colors and interesting formations



## Street Art

Art that takes to the streets. Street art can range from murals to graffiti, often serving as a commentary on society and culture





## **Anthotype Print**

**A print made using photosensitive material from plants. Anthotypes use the natural colors in plants to create delicate, ephemeral images**

