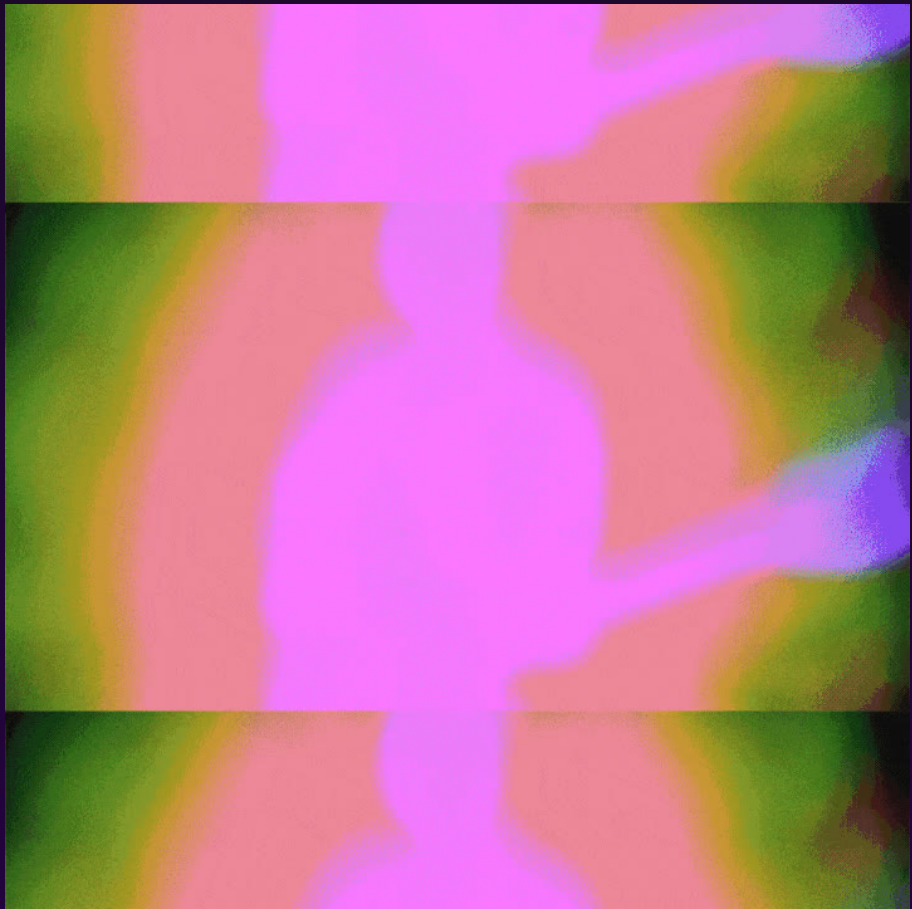
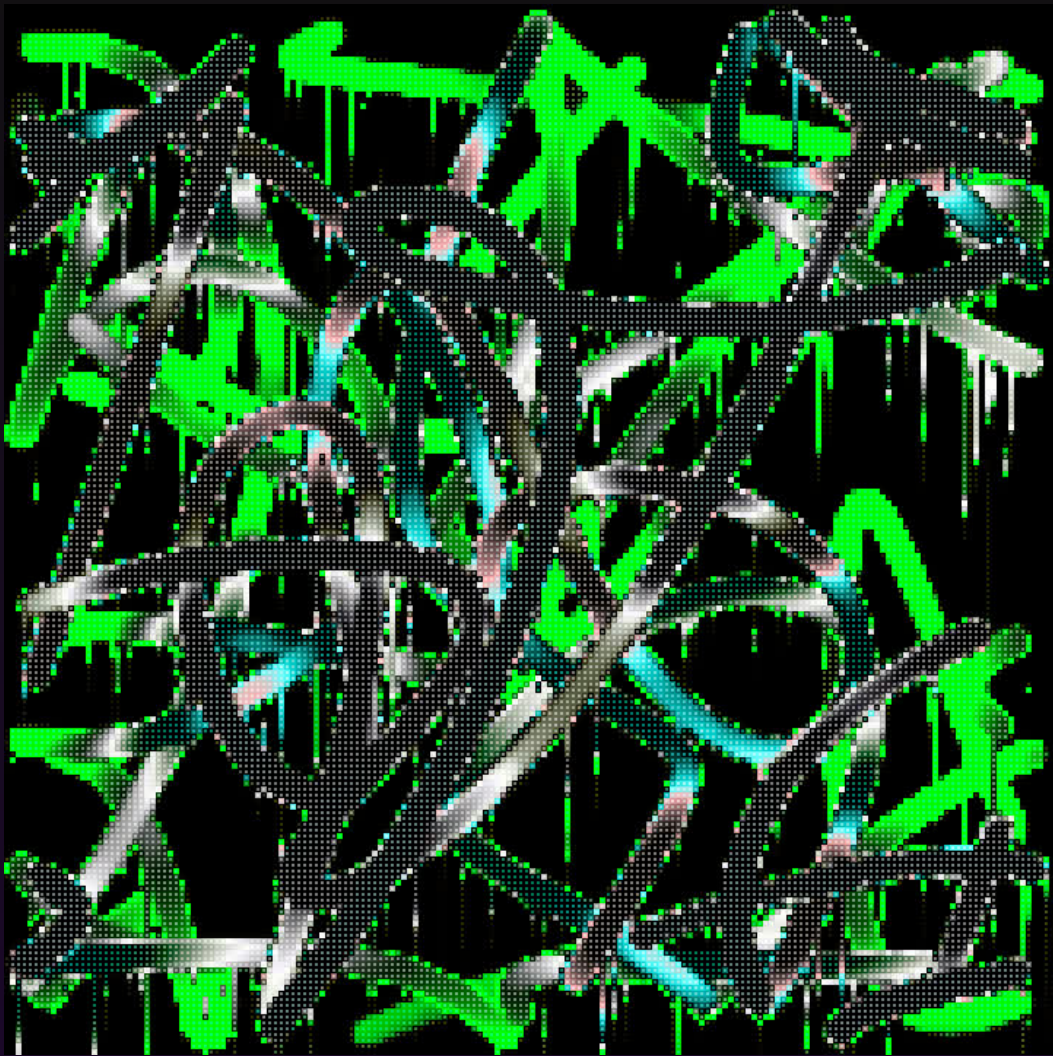


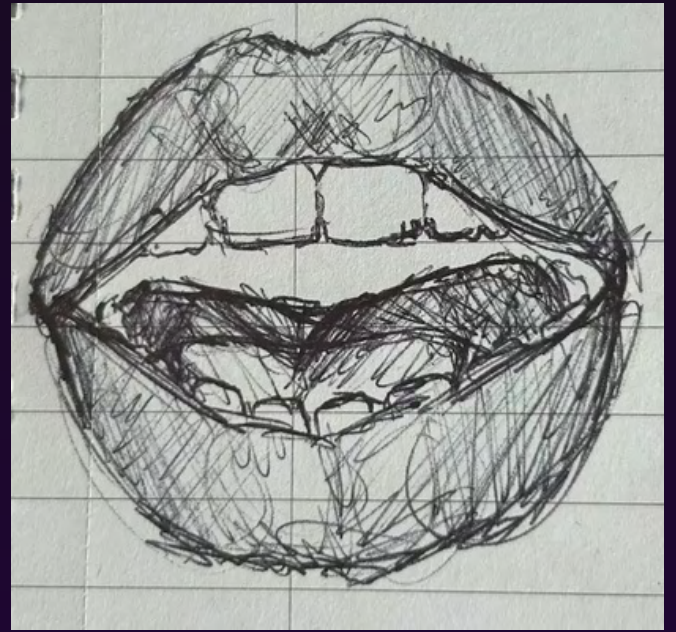
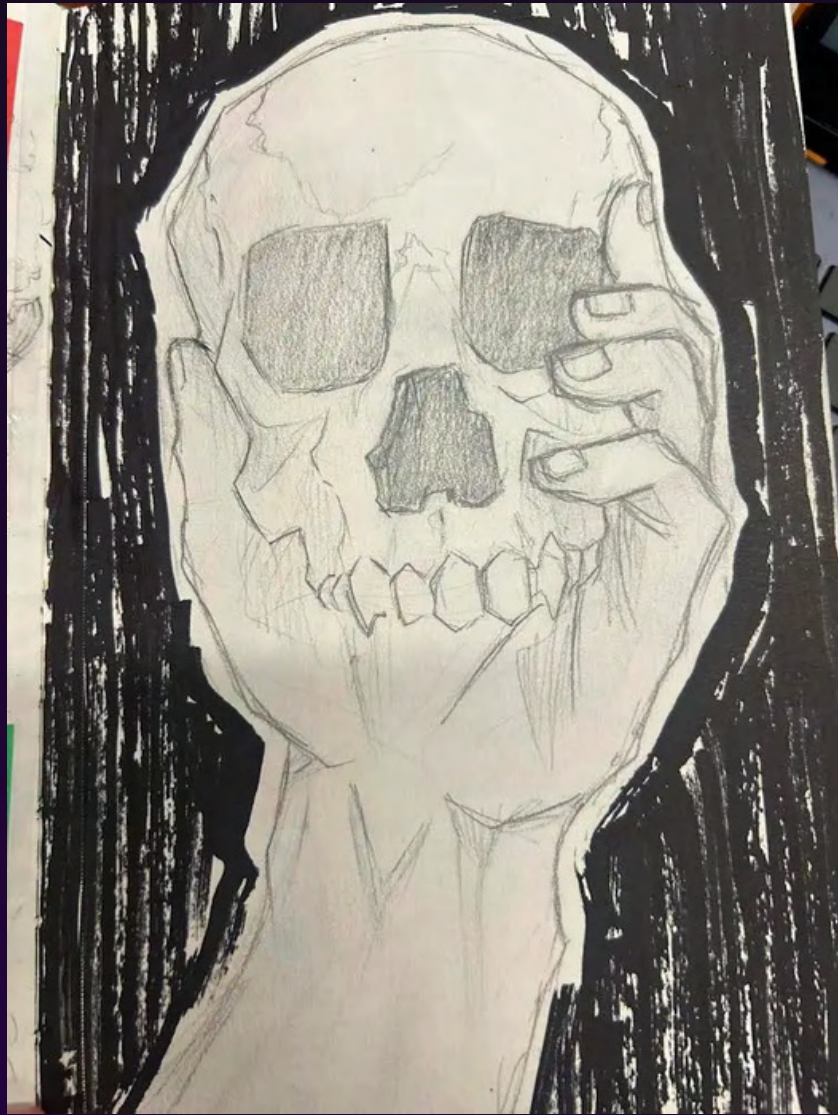
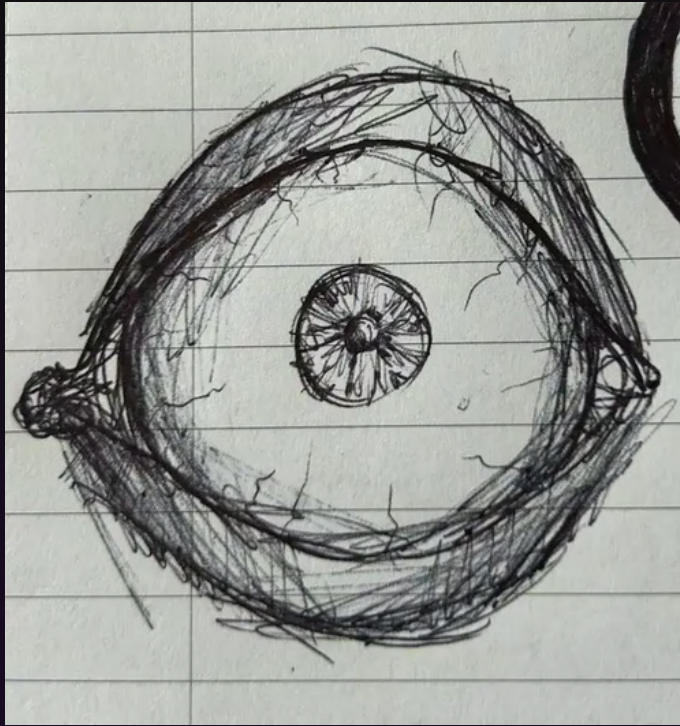


LIVING GRAFFITI 2016

BY: MEL



EXAMPLERS



REFERENCES





MOSS



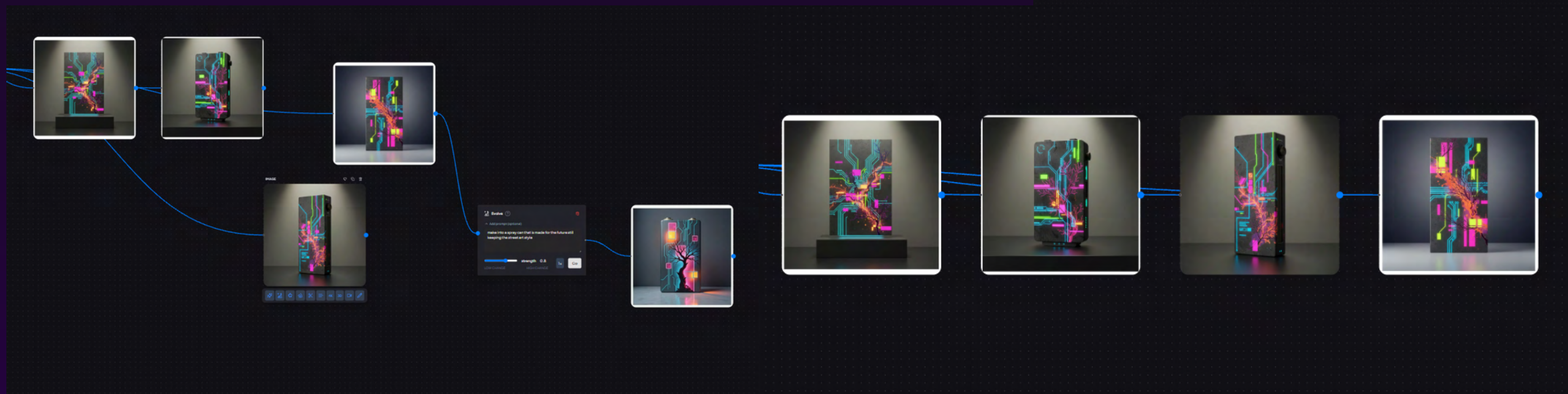
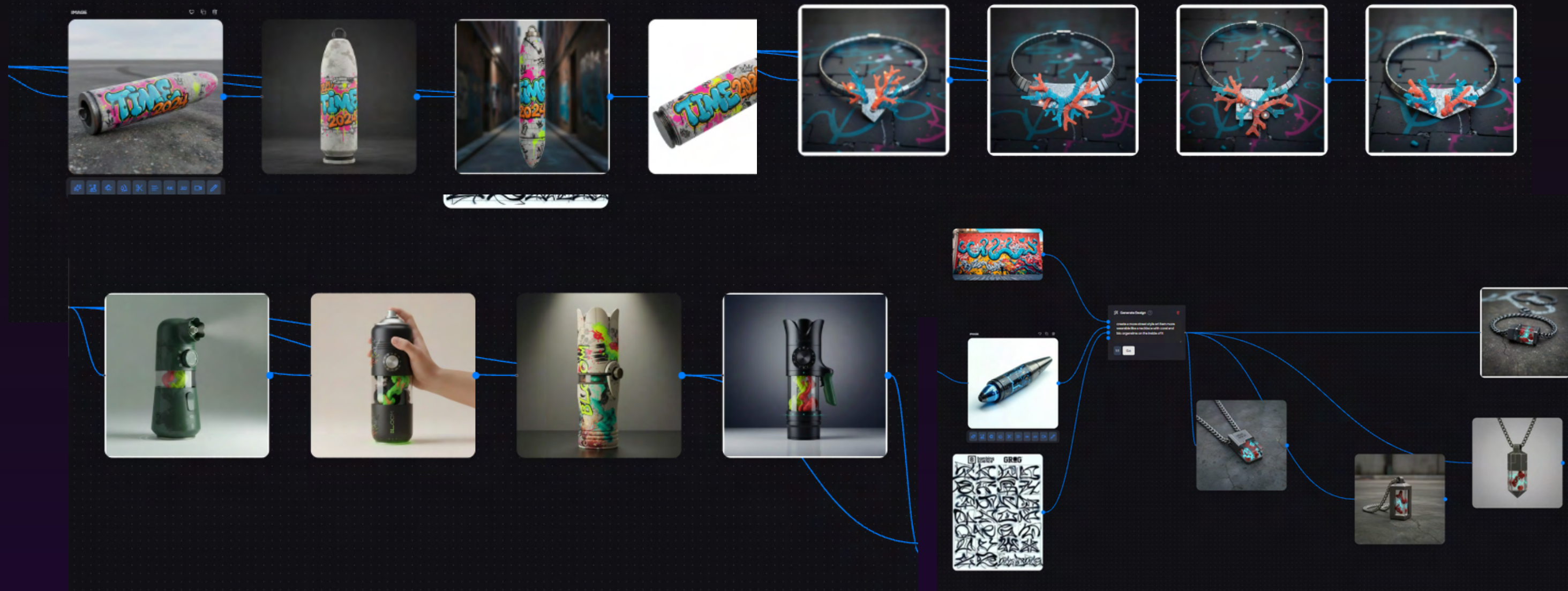
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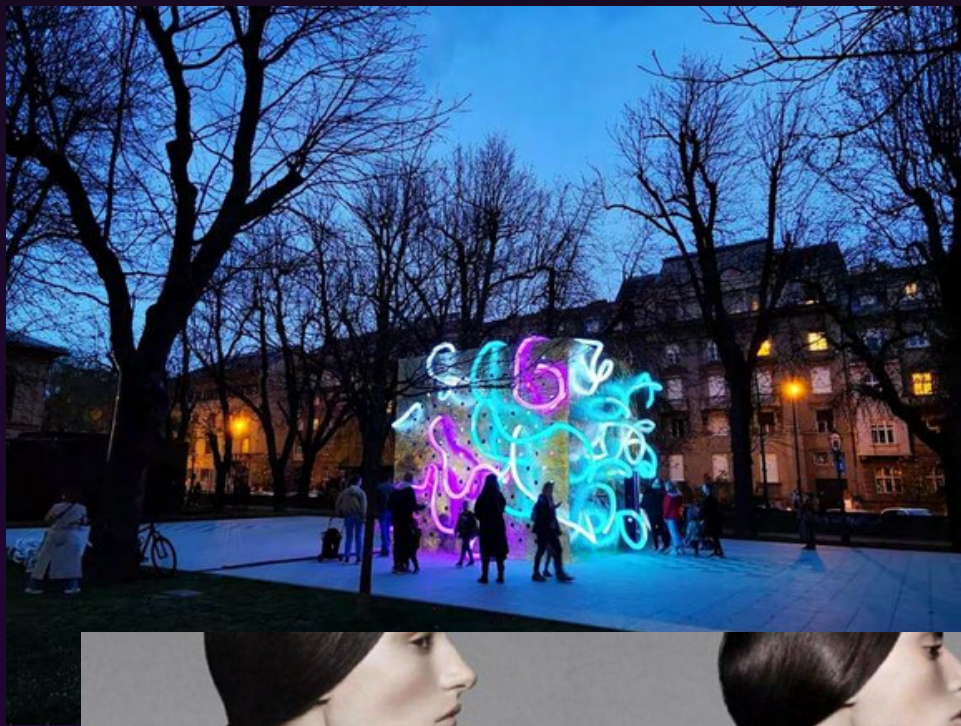


INK

SUPER-

CRAFT





EXPERIMENTING

LIVING GRAFFITI 2046

A CITY THAT BREATHES THROUGH ART.

In 2046, graffiti is no longer static. It is a living material that grows, fades, reacts, and remembers. The city is the canvas. The people are the pulse.

INSPIRED BY

NATURE

- moss
- lichen
- coral
- ink diffusion
- mycelium networks

CULTURE

- graffiti murals
- stickers + paste-ups
- street typography
- punk zines
- skate graphics

ALGORITHMS

- reaction-diffusion
- cellular automata
- voronoi patterns
- perlin noise
- swarm behavior

ITERATIVE GENERATION

- 1 RAW GESTURE**
Drips, tags, overspray.
- 2 REACTION-DIFFUSION**
Organic growth begins.
- 3 ENVIRONMENTAL FEEDBACK**
Weathering, fading, blooming.
- 4 LAYERING + MEMORY**
Posters tear, colors build.
- 5 SWARM INFLUENCE**
Murals communicate and evolve together.

NOT DESIGNED. EVOLVED.

2046

WHY IT MATTERS

Living Graffiti transforms the city into a living, collaborative ecosystem where art, technology, and nature exist in constant dialogue. It is sustainable, expressive, and deeply human.

01 SMALL SCALE

PULSE CAP
LIVING TAG SEED

A personal tool and artifact that carries the memory of thousands of creations.



The Pulse Cap is worn, not just used. It stores the pigment memory of every surface it has touched. Over time, it becomes a personal archive of your impact on the city.

- bio-material shell that ages with you
- micro pigment reservoir
- records location, climate + time
- connects to city network

EVERY CAP IS UNIQUE. EVERY CAP HAS A HISTORY.

02 MEDIUM SCALE

LIVING SPRAY SYSTEM
ADAPTIVE SPRAY CAN

The tool that begins the artwork. The environment finishes it.



Releases microscopic pigment organisms that react to light, humidity, pollution, sound, temperature, and people.

You paint the gesture. The city creates the story.

- programmable pigment spores
- environmental reactivity
- color shift + bioluminescence
- rechargeable spore cartridge

THE ENVIRONMENT IS THE CO-AUTHOR.



PAINTED AFTER RAIN SUNLIGHT NIGHT MODE

03 LARGE SCALE

THE LIVING WALL DISTRICT
RESPONSIVE ARCHITECTURAL ECOSYSTEM

Buildings become living canvases. Neighborhoods become conversations.

Entire surfaces are made of porous, programmable skins that support living pigment ecosystems.

The district remembers. Layers of art reveal the history of the people who shaped it.

- porous living facade
- self-cleaning + self-healing
- community interaction
- urban memory archive

THE CITY DOESN'T DISPLAY ART. IT GROWS IT.



MORNING PEAK HOURS EVENING LATE NIGHT

THE FUTURE ISN'T CLEAN. IT'S ALIVE.

sustainable materials community owned ever-evolving memory art as ecology



LIVING GRAFFITI 2046

By 2046, THESE QUALITIES UNFOLD INTO A LIVING MATERIAL THAT CONTINUES CREATING LONG AFTER THE ARTIST HAS FINISHED THE WORK; AS THE ARTIST GROWS, THE WORK GROWS WITH THEM. THIS WHOLE WORLD COMES FROM STREET ART CULTURE.

PULSE CAP
LIVING TAG SEED

WEARABLE ORNAMENT. LIVING ARCHIVE.
PERSONAL SIGNATURE OF THE CITY.

HOW IT WORKS

The Pulse Cap contains living pigment cultures suspended in a bio-resin matrix.

It records every tag, location, and environment you create in.

Over time, the pigments grow, shift, and reorganize—forming a unique, ever-changing pattern that becomes your visual autobiography.

It connects to the Living Spray System to exchange pigment data and memory.

- 

stores pigment memory
- 

senses environment & location
- 

grows & evolves over time
- 

syncs with spray system

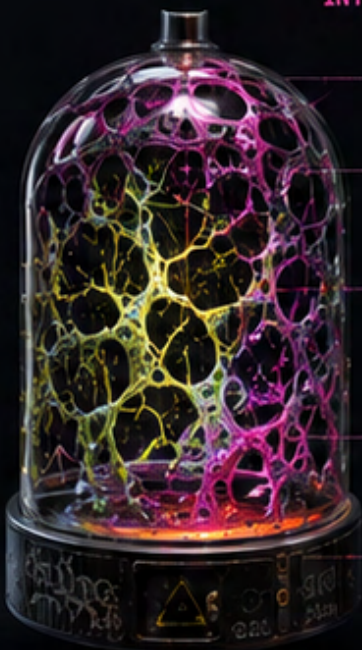
MATERIALS

bio-resin, living pigments, embedded sensors, recycled metals, magnetic interface

EACH PULSE CAP IS UNIQUE.
NO TWO GROW THE SAME WAY.



INTERNAL STRUCTURE



- pigment culture colonies
- responsive bioluminescent veins
- memory matrix (records murals, environment, collaborators)
- bio-resin shell (protective, permeable)
- magnetic data connector



ORNIMANT SMALL-SCALE

- IT CONTAINS A LIVING PIGMENT ECOSYSTEM THAT RECORDS EVERY MURAL, TAG, AND COLLABORATIVE ARTWORK ITS OWNER CREATES. OVER TIME, IT SLOWLY CHANGES APPEARANCE, MAKING EACH PULSE CAP COMPLETELY UNIQUE.

LIVING SPRAY SYSTEM

ADAPTIVE SPRAY CAN

THE ARTIST MAKES THE GESTURE.
THE CITY FINISHES THE STORY.

HOW IT WORKS

- 1 The can releases microscopic living pigment spores in a biodegradable gel.
- 2 Pigments bond to living surfaces and activate based on environmental conditions.
- 3 Over hours and days, the pigments grow, branch, and interact—creating evolving murals.
- 4 Surfaces respond to light, weather, pollution, sound, and people.
- 5 New layers never erase old ones. Murals become living archives.

-  reacts to weather & humidity
-  reacts to light & UV levels
-  reacts to people & sound
-  connects with nearby murals & surfaces

SPRAY MODES

-  FINE MIST
(clouds)
-  LINE FLOW
(drips / tags)
-  VEIN STREAM
(branching)
-  CELL BURST
(textures)
-  WIDE WASH
(gradients)

REFILL SYSTEM

Cartridges contain living pigment cultures.
Fully biodegradable.
Designed to return to the earth.

MEDIUM HUMAN-SCALE

- THE ARTIST STARTS THE PROCESS BUT DOESN'T CONTROL THE FINAL OUTCOME. EVERY MURAL BECOMES A COLLABORATION BETWEEN THE ARTIST, THE ENVIRONMENT, AND THE CITY.
- IT TREATS ART AS A LIVING PROCESS RATHER THAN A FINISHED PRODUCT. THE ARTIST CREATES THE INITIAL MARK, BUT WEATHER, TIME, ARCHITECTURE, AND THE SURROUNDING COMMUNITY CONTINUE SHAPING THE MURAL LONG AFTERWARD.



ENVIRONMENTAL

- LIVING GRAFFITI 2046 CITY AT NIGHT, THE WHOLE CITY EVOLVES INTO THIS CONSTANTLY GROWING ARTWORK, WHERE THESE NATURAL MURALS ARE MADE AND SPREAD OUT ENTIRELY. AT NIGHT, IT EVEN CREATES A BETTER EXPERIENCE AS IT STARTS TO LIGHT UP WHEN IT IS DARK.



04

DISTRICT
FLOW



LIVING
GRAFFITI
2046

THE CITY BREATHES
THROUGH ART

4.7°C

AIR QUALITY
GOOD

WALL ACTIVITY
HIGH

COMMUNITY MOOD
CREATIVE