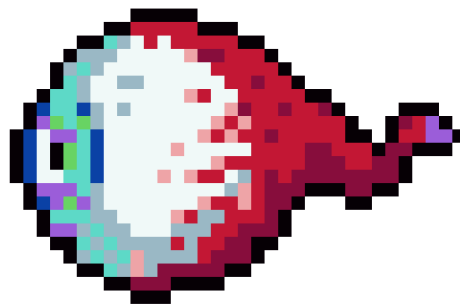# PIXA.PICS

From pictures into pixel arts and NFTs

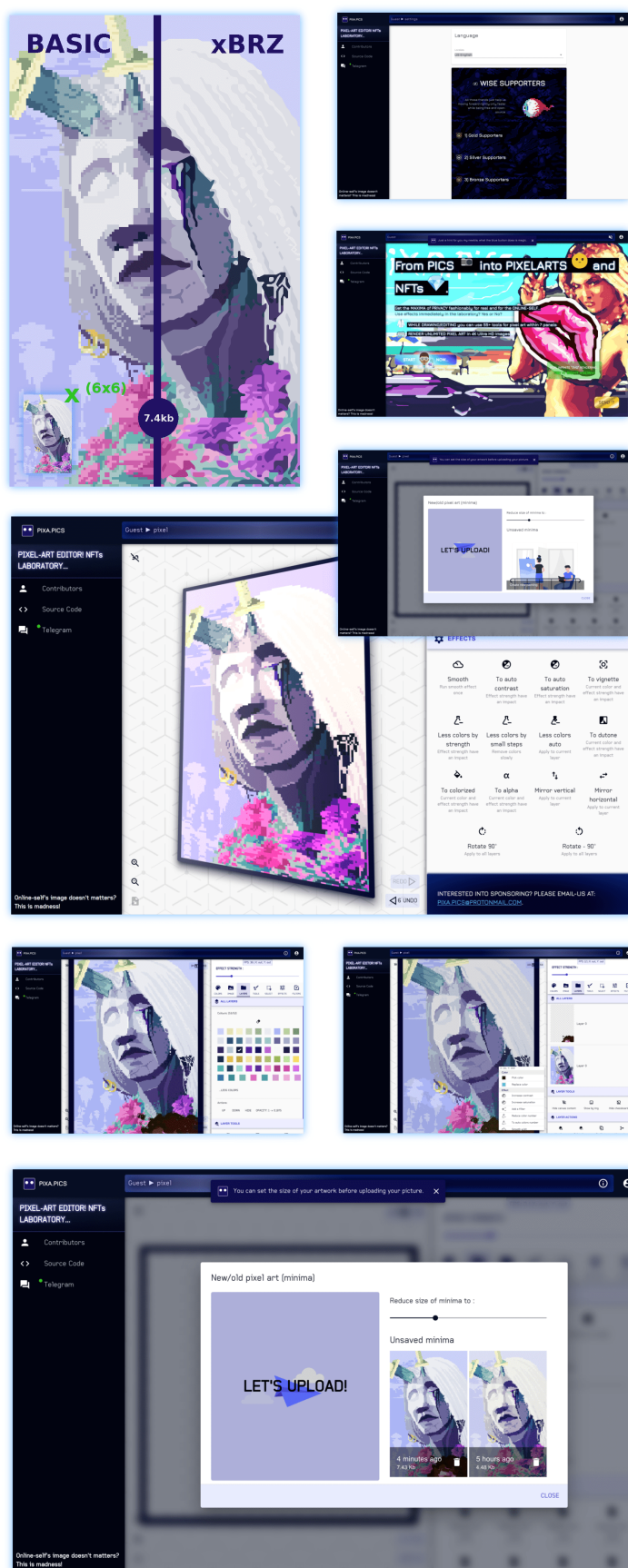Logo of the web application : pixa.pics

LET US SAY

You can easily convert selfies and other pictures into pixel art going back then to an Ultra HD image (but as a painting) very easily!

Yet many drawing tools and selection mode enables you to be creative...
And to decentralize everything!

- Copy-left and copyright can get shifted!

- Anonymous selfies (keep details masked, reduce entropy of data).

- Compress 100x-1000x a visual scene into less than 12 Kb PNGs that scales in HD.

- Do more, without less... This is pixaaaaa! (pics)

What does it cost?

Permission is hereby granted, free of charge, to any person to use this software.

Nevertheless, the aforementioned project (i.e. https://pixa.pics/) whose source code is said to be "open" (visible on: https://github.com/pixa-pics/pixa-pics.github.io) needs for the coming year an amount of 75000 US dollar to operate as drawing software in the field of pixelart and digital-painting (art) among others NFTs (so-called digital cryptographic tokens) being free and open-source.

We defend the free flow of ideas, knowledge and culture as the software is completely free and open-source.

Purpose

1) Anonymousness of visual subjects

This project allows anonymousness of the target visual subject directly on import by reducing the number of colors and the number of pixels present in the raster image (which is just a pixel grid with a few bonus colors) and allowing retouching of it in an interface made in Switzerland, which offers tools for drawing and retouching tints and colors as well as shapes via functions and algorithms on clicking certain buttons inside this software, available under simply "MIT" license via the WEB...

2) Lighten the on-line-self up

A person can preserve details of their private life and still publish digital paintings of their portrait without risking leaving pejorative details, or deliberately harming the on-line-self of the person, since the output files only contain 1:100 to 1:1000 of the weight of the source data for an Ultra HD image also which more-is will be a form of artwork disregarded from the eventual copyright that protected the base image.

3) Preserving yourself as your own hero

It is useful in the field of the protection of the private sphere and the on-line-self, in the field of drawing and image editing, also in the creation of so-called "intelligent" NFTs as well as in the artistic field quite simply. Meanwhile, also between the search and identification of missing persons and the anonymousness and copy-left (UN-copyright) of visual subjects…

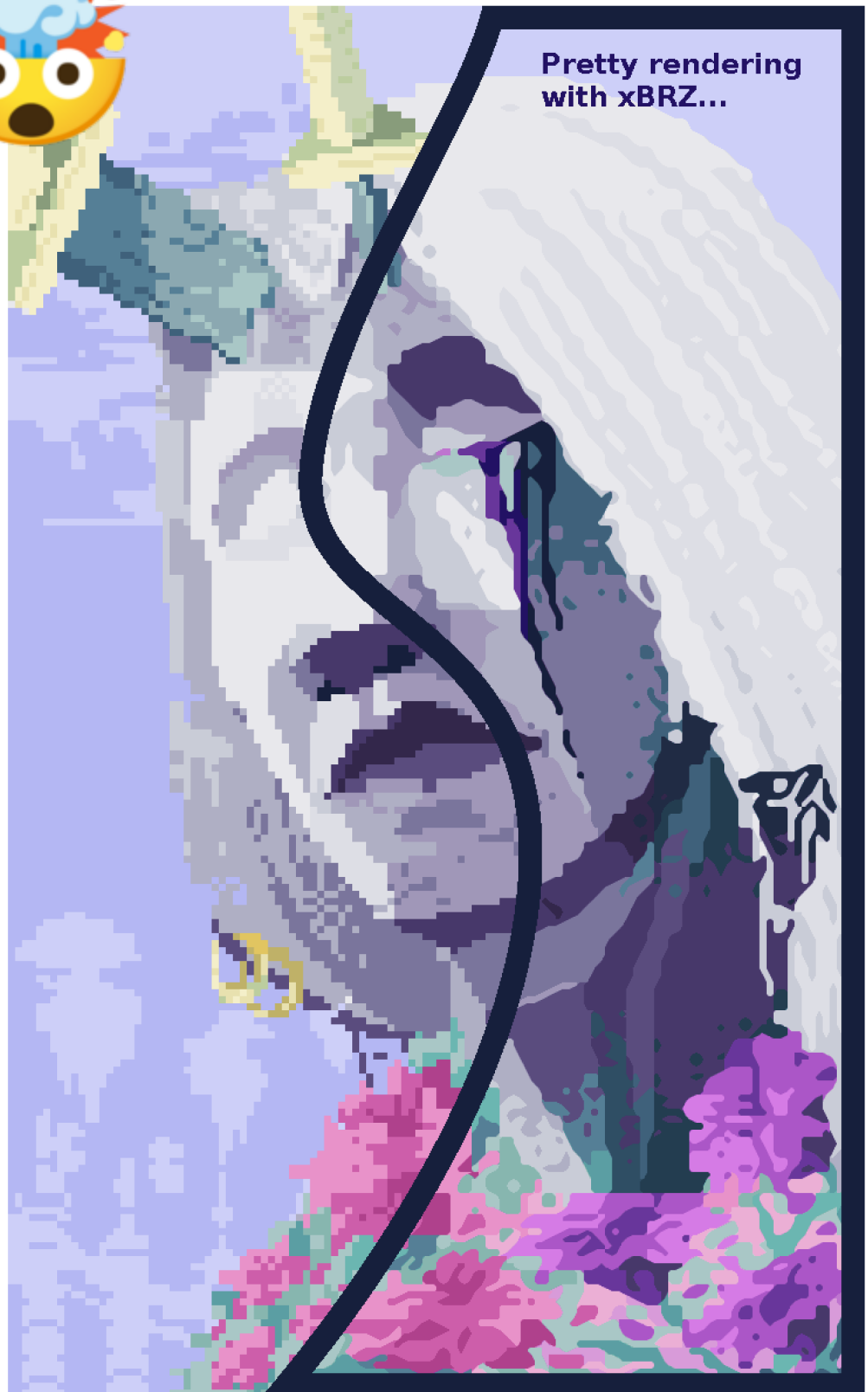A real tool for the creation of "artistic situations being safer than safe".

Pretty rendering with xBRZ...

Illustration 1: Rendering of the input 36 times smaller (only 7.4Kb)

What blockchain was made for?

IT CLAIMS TO BE THE UNBREAKABLE, UNCHANGEABLE, AND UNSTOPPABLE.

The Ace of Automatic Information; Blockchain is a list of transactions grouped into multiple blocks that constitute a state in a machine that changes according to a cryptography-based agreement AND between its participating terminals through a data network. This technology allows you to save and keep a structured data set for centuries flawlessly.

> The Internet has become an oligopoly Disneyland with little innovation. The central banks have corrupted money - the operating system of society. We see blockchain as a new computing platform with novel features, that could both, bring a new phase of innovation, and redefine the existing monetary systems. We want to contribute to bringing a better future sooner. Hence, ten months ago, we founded pixa.pics.

What pixa.pics was made for?

A pixel art editor made with material design guideline trends and awesome web technologies! 100% visionary in privacy concerns/critics and against detractors with its development that has enabled to show an on-line-self (image) within a minimalistic version of an high definition image (minima-art), to which, looks like pixel art throughout an automatic resize and color quantization, and then to up-scale it way beyond Full HD through an algorithm that makes it happens to make it looking like a painting, while it will generate an infinite SVG and 6x bigger PNG version of the minima-art.

✔ Protect images.

✔ Sanitizing private data before processing it remotely.

✔ Staying on the front line of dropping cost as it is a FOSS.

✔ Getting to openly fight what misses being just great, while boring good exists.

✔ Staying modern without paying anything for useless and toxic ultra-simplification tools.

Fun, sharp, and intelligent technologies

- Low-Level-JavaScript just like asm.js or SIMD.js for blazing efficient color operation

- Multi-threading (Web Worker)

- GPU's optimization (CSS3 Transform+will-change)

- Fast Compression (LZP3)

- Off-line Cache & Auto Save (PouchDB)

- AI Processing (Deepai.org, !remote!)

- 4 algorithm up-Scaling artwork up to 4-8x as painting (xBRZ, Omniscale, hqNx, EPX)

- Vectorized (output an infinitely high definition SVG file) (ImageTracerJS)

- Color Quantization (RGBQuant + Custom)

- Always encode well Portable Network Graphics in type of palette (we save 70% of size) (PNGQuant)

- Chunk ("norris") webpack system for dropping script evaluation cost within CPU

- WASM Hashing function for detecting change in history of editing (XXHash)

Goals

Pixa.Pics stands in favor of the freedom of expression, communication, education; respect for the privacy of citizens and civil rights in general.
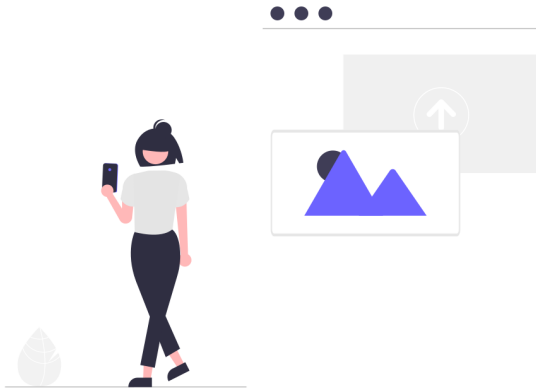
Specific use cases

a) IG woman

b) Student

c) Trader

Our mission, your choice!

Wanna become sponsors of pixa.pics?

YES PLEASE!?

Just email-us at pixa.pics@protonmail.com right now.