🖼️Pixel Art Converter – Minimalist Edition

Pixel Art Converter is a clean and easy-to-use Python desktop application that turns your images into pixel art. Designed with simplicity in mind, it gives you complete control over the pixelation level and optionally reduces the color palette to mimic retro styles.

🖌️Features

- **Load Images:** Supports PNG, JPG, JPEG, and PDF formats.
- **Pixel Block Size Control:** Adjust the pixelation strength with a smooth slider (2–64).
- **Advanced Mode:** Optional color reduction to 32 colors using adaptive palette.
- **Live Preview:** See the result instantly in the interface.
- **Save Final Image:** Export your pixel art at the original resolution.

🎨Interface

- Minimalist dark theme with clear buttons and layout.
- One-screen workflow: no popups or extra windows.
- Built for simplicity and fast results.

Built With

- Python 3
- Tkinter (GUI)
- Pillow (PIL) for image processing

Installation

1. Clone or download the repository.
2. Install dependencies:

```
pip install pillow
```

1. Run the application:

```
python pixel_art_converter.py
```

🧩 Future Ideas

- Custom color palettes (NES, Game Boy, etc.)
- Drag-and-drop support
- Batch processing for multiple images
- Export to `.ico`, `.bmp`, or spritesheets

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