

CraftPix



Thematic area: Multimedia resources, UI icons and 2D assets



Game engine: Any



Link: <https://craftpix.net>



Why & when to use this resource

CraftPix is an online store offering high-quality free and premium 2D game assets, including UI icons, sprites, tilesets, GUI elements, character graphics, and backgrounds. It is particularly useful during the visual design and development stages of educational video games.

In the context of educational games about European values, CraftPix can be used to find ready-made UI icons and graphical elements that enhance the visual quality of the game without requiring graphic design skills.

Using CraftPix helps educators, youth workers, and young people access professional game graphics without needing to create them from scratch. The platform offers a dedicated section of free assets alongside premium content. All assets have no restrictions on use in commercial projects.



Strengths

- Offers a large collection of free 2D game assets including UI icons, sprites, and tilesets.
- Assets are provided in standard PNG and PSD formats, compatible with most game engines.
- No restrictions on use in commercial projects, with royalty-free licensing.



- Assets can be used in an unlimited number of projects.
- Graphics are professionally designed with consistent visual styles within each pack.
- Compatible with popular game engines such as RPG Maker, Unity, Construct, and GameMaker Studio.
- Regular updates with new asset packs added frequently.
- Assets can be customised using image editing tools such as Adobe Photoshop or GIMP.



Limitations

- Many asset packs require payment, with free options being more limited in variety.
- Free assets may not cover all specific visual needs of a project.
- Mixing assets from different packs may result in visual inconsistencies.
- Requires an internet connection for browsing and downloading assets.
- Customising assets requires basic image editing skills.



Tutorial sheet



How to use this tool

CraftPix can be used as a visual asset library for finding and downloading 2D game graphics during the development phase of educational video games. Users can browse categories including icons, sprites, GUI elements, tilesets, backgrounds, and full game kits.

In educational game projects, CraftPix can provide ready-made visual elements that enhance the professional appearance of the game. UI icons, buttons, menus, and health bars create a polished user experience.



Step-by-step guide

★ STEP 1: Access the CraftPix website

Visit the CraftPix website at craftpix.net using any web browser. Browse the catalogue without registration. To download free assets, create a free account using your email address.

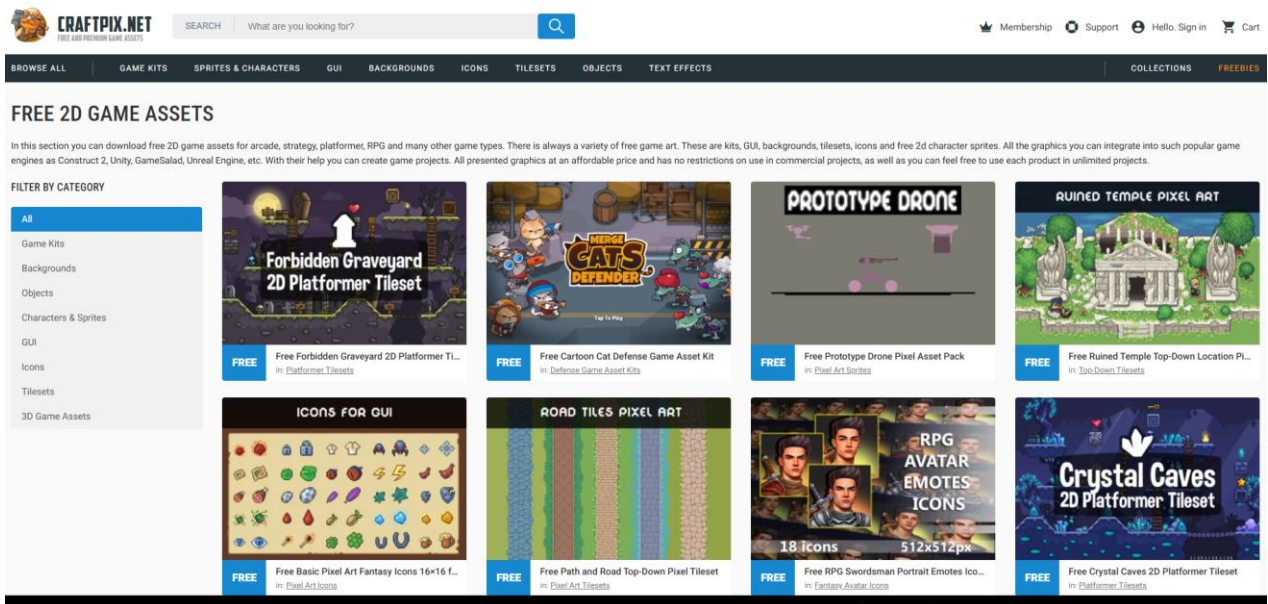
Creating a free account allows users to download free asset packs and manage their download history. The free section includes a variety of UI icons, sprites, tilesets, and other game graphics.

The screenshot shows a 'SIGN IN' modal window with a close button (X) in the top right corner. It features two social login buttons: a blue Facebook button and a red Google button. Below these is a section separated by a horizontal line with the text 'OR'. This section contains two input fields: 'Username or Email Address' and 'Password'. Below the password field is a link that says 'Forgot your password? Reset it here'. At the bottom of the form is a blue 'Log In' button. Below the button is a link that says 'Need an Account? Sign Up for free'.

★ STEP 2: Browse the free assets section

After logging in, open the **Freebies** section from the top menu to browse all free asset packs. CraftPix organises its assets into categories such as icons, sprites, tilesets, GUI, backgrounds, and full game kits.

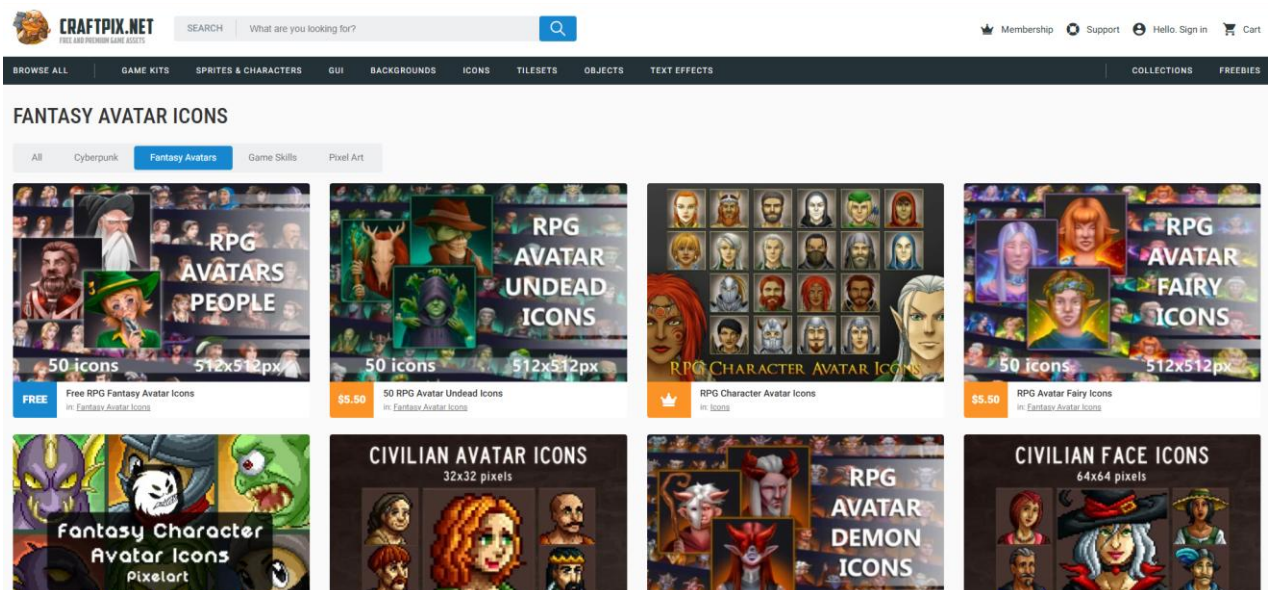
Each asset pack page includes preview images showing all included graphics.



★ STEP 3: Search for UI icons and game graphics

Use the category filters and search function to find specific types of assets. For UI icons, navigate to the Icons category. For game interface elements, browse the GUI section.

The pack page also lists the exact contents, dimensions, and file formats included, so you know what you are getting before downloading.



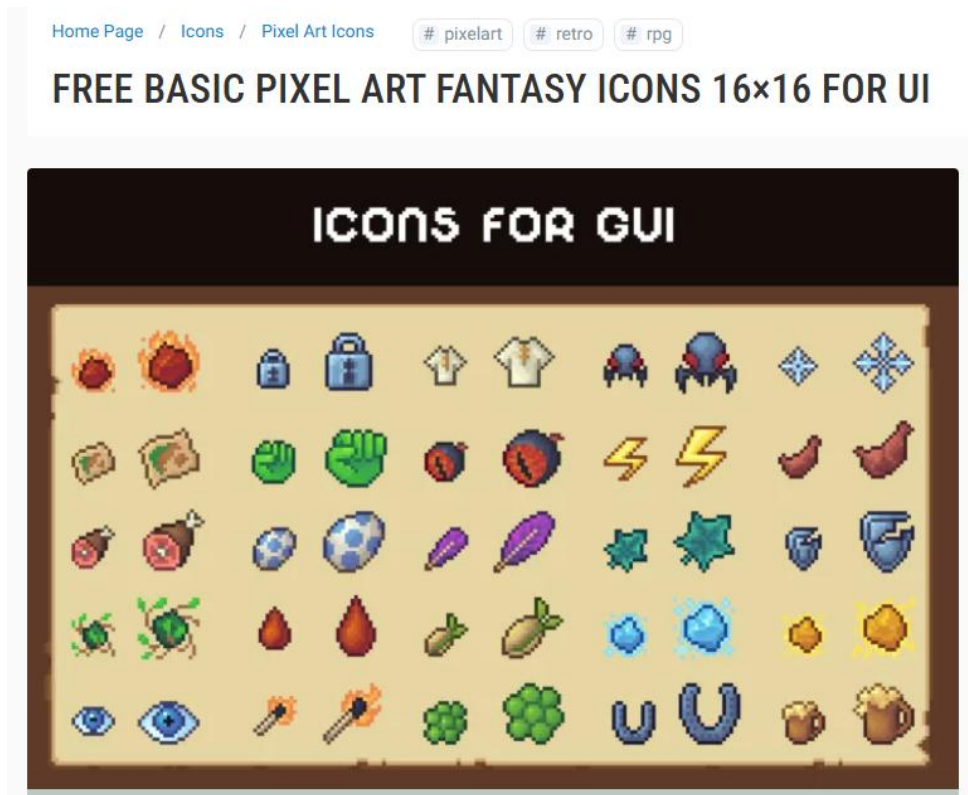
★ STEP 4: Preview and download asset packs

Click on an asset pack to view its full contents, including preview images and a description of all included elements. For free packs, click the Download button to save the ZIP archive.



You can also combine the category filters with the search box to quickly narrow the catalogue down to the exact type of asset you need.

Downloading complete packs ensures visual consistency, as all elements within a pack share the same art style and colour palette.



★ STEP 5: Extract and organise downloaded assets

After downloading, extract the ZIP archive to a folder inside your project. Each pack usually contains the graphics in PNG format, often together with editable source files and a licence file.

A well-organised resource library saves time and makes collaboration easier.

★ STEP 6: Integrate assets into the game project

Once assets have been downloaded and extracted, they can be imported into the game development tool. In RPG Maker MV, icon images can be placed in the img/system folder. In Genially, images can be uploaded as interactive elements.

Testing the visual elements in the game environment is essential to ensure that icons display correctly at the intended size.



✦ **STEP 7: Customise assets if needed**

CraftPix assets are provided in PNG format, and many packs also include PSD source files that can be edited in Adobe Photoshop, GIMP, or other graphic editors.

Basic customisation tasks such as resizing icons or adjusting colours can be performed using free tools such as GIMP or the online editor Photopea.

Customising assets helps create a unique visual identity for the educational game while maintaining a professional appearance.



Additional learning sources & tutorials

- ◆ CraftPix: 2D game assets store and free game graphics: <https://craftpix.net>
- ◆ Free 2D game assets section on CraftPix: <https://craftpix.net/freebies/>
- ◆ CraftPix game assets on Itch.io: <https://free-game-assets.itch.io/>



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