joypixels®

Asset Guide

Version 8.0

Released August 22, 2023

This version is fully compatible with Unicode 15.0.

All assets are available for download at
https://www.joypixels.com/download

Free Zip Files

JoyPixels 8.0 Free

- /png/labeled
    - contains 32px, 64px, and 128px .png files
    - organized by category
    - named with emoji titles (e.g. “grinning”)
- /png/unicode
    - contains 32px, 64px, and 128px .png files
    - organized in one directory
    - named with emoji Unicode codepoint (e.g. “1f600.png”)
- /sprites
    - contains 24px, 32px, 40px, 48px (24@2x), 64px (32@2x), 80px (40@2x), 128px (64@2x) sprite files
    - each separated by category
    - Includes .css files

Premium Zip Files

JoyPixels 8.0 Premium

- /png/labeled
    - contains 512px .png files
    - organized by category
    - named with emoji titles (e.g. “grinning”)
- /png/unicode
    - contains 32px, 64px, and 128px .png files
    - organized in one directory
    - named with emoji Unicode codepoint (e.g. “1f600.png”)
- /sprites
    - svg sprite
- /svg/labeled
    - contains .svg files
    - organized by category
    - named with emoji titles (e.g. “grinning”)
- /svg/unicode
    - contains .svg files
    - organized in one directory
    - named with emoji Unicode codepoint (e.g. “1f600.svg”)
- /iconjar
    - no longer supported beginning in 8.0

JoyPixels 8.0 Premium Fonts

- /android
    - contains joypixels-android.ttf file
    - compatible with Android and Linux OS
- /windows
    - contains joypixels-windows.ttf file
    - compatible with Windows OS
- /svg-ot
    - contains SVGinOT formatted joypixels-svgot.ttf
- /web
    - /cbdt
        - contains joypixels-cdbt.ttf and joypixels-cbdt.woff2 files
        - web compatible with chrome, firefox, fallback for older browsers
    - /sbix
        - contains joypixels-sbix.ttf and joypixels-sbix.woff2 files
        - intended primarily for Safari browser
    - /svg
        - contains joypixels-colrv1.ttf and joypixels-colorv1.woff2 files
        - lightweight, broad modern support

File Usage

PNGs
Our PNG files come in sizes ranging from 32px to 512px. PNG files are compatible with nearly every modern operating system and design tool. For optimal digital display, it's important to consider that retina screens display images at twice the specified resolution, so be sure to use a PNG size that is at least double the specified resolution or use SVGs to ensure quality at larger resolution.

SVGs
Our SVG files are the perfect choice when the final output of the image will be greater than 512px. Because SVGs are vector-based, it's up to the OS or software to determine how to render the resulting image, and for that reason you may see unexpected results for design aesthetics such as gradients.

Sprites (PNG)
PNG sprite files are ideal for web or mobile integrations as the larger file is loaded only once rather than requiring hundreds or thousands of individual emoji separately. Sprites are split into categories, meaning you'll need to know the size, category, and code point of every emoji to make use of this method. See our demo at https://demos.joypixels.com/latest/sprites-png.html for more info.

Sprites (SVG)
Our SVG sprite is another way to improve performance. The sprite file can be loaded into the DOM and referenced with a "<use>" html tag, with the ID of each SVG being the codepoint of the emoji (e.g. "#1f600").

Fonts
Font files are a great way to easily replace all system emoji with JoyPixels emoji. Installation is generally simple for personal device use, but can be more complex when installing a font as a platform default for a web-based or mobile application. See our demos page at https://demos.joypixels.com/latest/joypixels-web-font.html for more information on installation.

Premium Web Fonts
Released early 2020, JoyPixels now includes premium web fonts with a JoyPixels premium emoji license. Perfect for web apps, premium fonts are in WOFF format, compatible with all modern browsers. See https://joypixels.com/fonts for more details, docs, and downloads.

IconJar
Starting with JoyPixels 6.0, we've included our entire library along with tags and keywords, in IconJar format! IconJar is a simple application that makes finding and using assets as easy as it gets. Get you discount code and instructions at https://joypixels.com/iconjar for a whole new way to access our assets.

Use our demos at https://demos.joypixels.com to see integration examples.