sketch

DOCUMENTATION & FAQs

The sketch tool is built around HTML5 canvas. The PHP component was added so the tool was able to process the LESS file it includes and to generate PNG from the drawings made (via Ajax call).

The Structure

01. _assets
    01.1. css
    01.2. img
    01.3. js
02. _lib
    02.1. canvas2img
    02.2. LESSphp
03. drawings
04. index.php

01. _assets
This folder contains all CSS, LESS, JS and image files necessary for the sketch tool to operate.

—01.1. CSS
The "lib.less" is a framework of functions and LESS utilities.
The "main.less" is the main stylesheet of the sketch tool. This is where you should edit/customise your styles. This file is automatically processed (via PHP) into the "main.css" file. Every time you make changes to the LESS file a newer version of the CSS file is generated and replaced.

—01.2. IMG
This folder contains all the graphic elements necessary to style the sketch tool.
PNG and SVG files were used, but the image usage isn't restricted to these formats.
It's possible to replace the current images or add new ones. Note: LESS/CSS files might need adjustments after some image changes. Check "01. - CSS".

—01.3. JS
This folder contains all the javascript related scripts to allow the sketch tool to operate.

—— *jquery.min.js*
The tool relies on the jQuery framework.

—— *sketch.min.js*
The main skeleton of the sketch tool relies on this javascript file. For most cases this file won't need to be edited. Unless an extreme adjustment to the tool function is needed, in which case such is possible by editing this file. If you wish to disable the whole image generation, just comment out or remove line number 76 of this file.

—— *main.js*
This is the go-to javascript file for making adjustments to the tool.
For editing/adding more colors, you can easily edit the colour array defined inside the $(document).ready(); function:

```
$.each(['#000', '#f96868', '#b0e6f9', '#0f0', '#0ff', '#00f', '#f0f', '#fff'], function() {
    $('#palette').append("<li><a href='#artboard' data-color='" + this + "' style='background: " + this + ";'></a></li>");
});
```

Just add/remove hexadecimal color codes, and it is automatically displayed the the sketch tool upon page refresh.

02. _lib
This folder contains the canvas2img php function and the LESSphp compiler.

—02.1. canvas2img
This function role is to process all the ajax calls requested by the sketch tool and convert the drawings into PNG (with alpha channel background support) and save them in the "drawings" folder. The destination folder can be changed in the code line number 9. If you wish to disable the whole image generation, just comment out or remove line number 76 of the "_assets/js/sketch.min.js" file.

—02.2. LESSphp
This PHP class is responsible for processing all the LESS files in the "_assets/css" directory.
The class is called in the first line of code of the "index.php" file, present in the root of the sketch tool folder. In case you want to move the CSS/LESS files you should also change the file paths in this code line.

03. drawings
This folder sole purpose is to store the generated PNG files from the drawings. This destination folder can easily be changed in the "_lib/canvas2img.php" file - code line number 9.

04. index.php
The main file of the sketch tool.

FAQs

Disable image generation
Comment out or remove line number 76 of the "_assets/js/sketch.min.js" file.

Add more colours to the color palette
You can easily edit the colour array defined inside the $(document).ready(); function:

```
$.each(['#000', '#f96868', '#b0e6f9', '#0f0', '#0ff', '#00f', '#f0f', '#fff'], function() {
  $('#palette').append("<li><a href='#artboard' data-color='" + this + "' style='background: " + this + ";'></a></li>");
});
```

Just add/remove hexadecimal color codes, and it is automatically displayed the the sketch tool upon page refresh.

Using the tool without PHP
It's possible, although the LESS›CSS file compiling and PNG generation will be disabled in the process.
If you wish to proceed, follow these steps
- Open "index.php" and remove code line 1;
- Still in "index.php", replace all the instances of "<?php echo file_get_contents('FILEPATH'); ?>" for a html based code: <img src="FILEPATH" alt="">;
- Rename "index.php" to "index.html";
- Comment out or remove line number 76 on the "_assets/js/sketch.min.js" file;
- Remove folder "_lib";

Edit brush thickness
This is done in the "index.php" file. Inside the element "#tools" you will find several anchor links with the attribute "data-tool" set as "marker". Each one represents a brush. The value set in the attribute "data-size" is what defines the brush thickness.

Setting the default selected brush
This is done in the "index.php" file. Inside the element "#tools" you will find several anchor links with the attribute "data-tool" set as "marker". Each one represents a brush. To set a brush to default apply the class "active" to the correspondent anchor link.

Is there something missing where you need help?
Email us at go@with-company.com and we will do our best to help you out.

sketch