

Sketch.js

Sketch.js is an easy-to-use jQuery plugin that allows you to create canvases upon which visitors can draw. The code is partially inspired by [William Malone's drawing app tutorial](#) as well as [CanvasPaint](#).

Installation

To use Sketch.js in your project, just grab the latest [sketch.js](#) (or [minified](#)) from GitHub and include it in your project after jQuery.

Documentation

To see detailed documentation, take a look at the [annotated source code](#).

Simple Example

Click and drag in the box below to draw a simple black line.

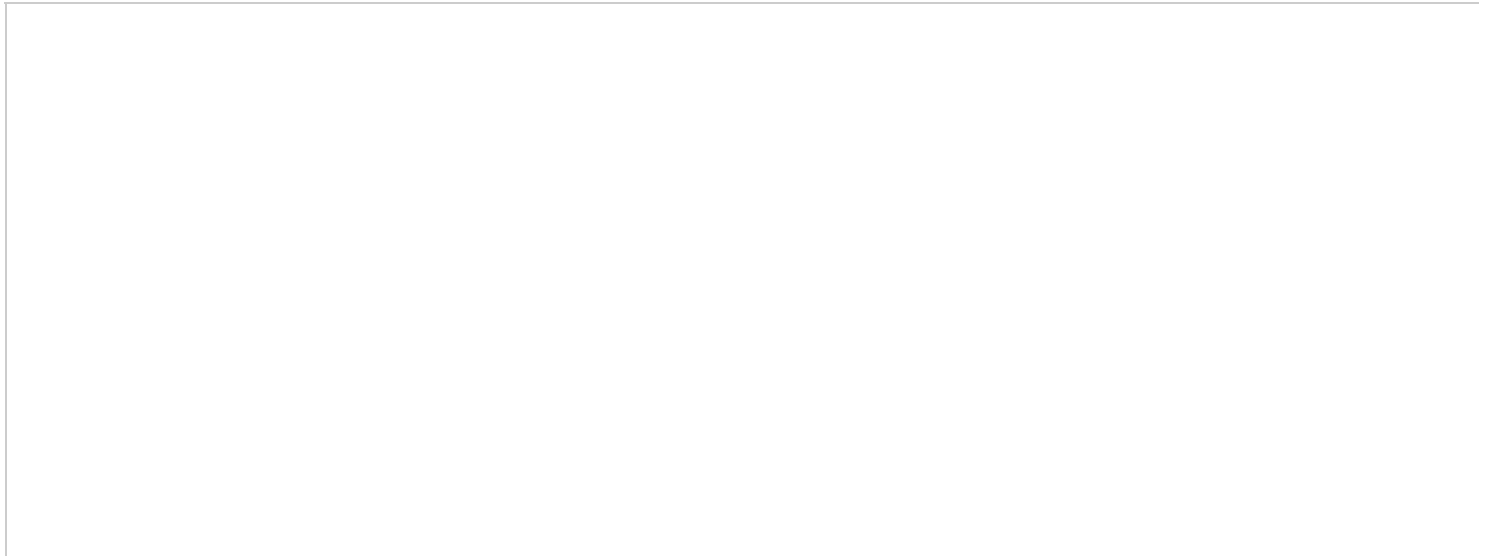
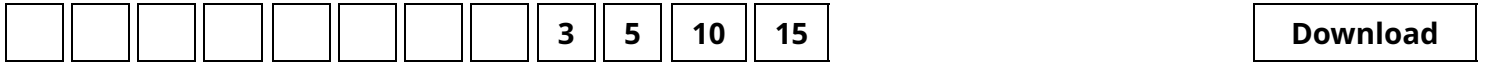


```
<canvas id="simple_sketch" width="800" height="300"></canvas>
<script type="text/javascript">
  $(function() {
    $('#simple_sketch').sketch();
  });
</script>
```

Changing Color/Size, Downloading Image

Sketch.js makes it very easy to create links that function as tool buttons. By default, any link that has a `href` tag that points to the ID of the converted canvas will automatically be considered a tool link. If the link has a `data-color` attribute then clicking it will change the color. Similarly, a `data-size` attribute will change the brush size.

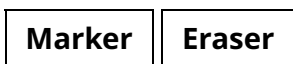
Setting the `data-download` on a tool link to `jpeg` or `png` will create a download button for the specified format.



```
<div class="tools">
  <a href="#colors_sketch" data-download="png" style="float: right; width: 100px;">Download</a>
</div>
<canvas id="colors_sketch" width="800" height="300"></canvas>
<script type="text/javascript">
  $(function() {
    $.each(['#f00', '#ff0', '#0f0', '#0ff', '#00f', '#f0f', '#000', '#fff'], function() {
      $('#colors_demo .tools').append("<a href='#colors_sketch' data-color='" + this + "' style='wid
    });
    $.each([3, 5, 10, 15], function() {
      $('#colors_demo .tools').append("<a href='#colors_sketch' data-size='" + this + "' style='back
    });
    $('#colors_sketch').sketch();
  });
</script>
```

Tools Example

Click buttons to switch between tools.



```
<div class="tools">
  <a href="#tools_sketch" data-tool="marker">Marker</a>
  <a href="#tools_sketch" data-tool="eraser">Eraser</a>
</div>
<canvas id="tools_sketch" width="800" height="300" style="background: url(http://farm1.static.flickr
<script type="text/javascript">
  $(function() {
    $('#tools_sketch').sketch({defaultColor: "#ff0"});
  });
</script>
```

Compatibility

Sketch.js has been tested on Chrome (OS X), Firefox (OS X), Safari (OS X), Android Browser (Honeycomb 3.1). It suffers significant performance degradation on mobile browsers due to general HTML5 Canvas performance issues.

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