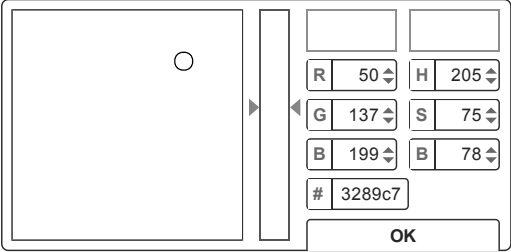
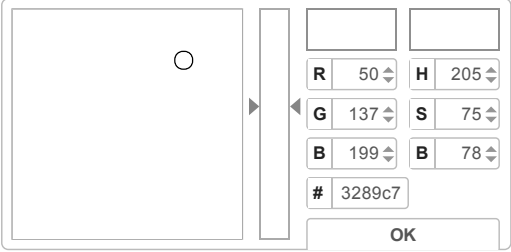


Color PickerjQuery Plugin

Simple RGB, HSB, HEX Color Picker jQuery Plugin



No images! Just a JS and a CSS file

Very intuitive Photoshop-like interface

Light and dark easy-to-customize CSS3 skins

28 KB total loaded by the browser

Works and looks nice **even on IE7**

Extremely easy to implement

Usage

Download the plugin and add colpick.js and colpick.css to the head of your documents:

```
<script src="js/colpick.js" type="text/javascript"></script>
<link rel="stylesheet" href="css/colpick.css" type="text/css"/>
```

Now you may call the `colpick` method on any jQuery object to create a color picker. By default you get a dropdown color picker:

Example - defaults

Show Color Picker

HTML

<button id="picker">Show Color Picker</button>

JS

\$('#picker').colpick();

Options

Several options passed to the `colpick` function as an object allow you to customize the color picker. For example, passing `flat:true` makes the color picker always visible, as in the following example.

Example - Flat mode, hex layout, no submit button



HTML

<div id="picker"></div>

JS

\$('#picker').colpick({
 flat:true,
 layout:'hex',
 submit:0
});

All the available options are:

Option	Type	Description
flat	boolean	Flat mode just displays the color picker in place, always visible, with no show/hide behavior. Use it with <code>colpickShow()</code> and <code>colpickHide()</code> to define your own show/hide behavior or if you want the picker to be always visible. Default: false
layout	string	Name of the color picker layout to use. Possible values are 'full' (RGB, HEX, and HSB fields), 'rgbhex' (no HSB fields) and hex (no HSB, no RGB). You can see the full layout at the top of the page. rgbhex and hex layouts are shown in the examples below. Default: 'full'

submit	boolean	If false the picker has no submit or OK button and no previous color viewer. If false use onChange function to get the picked color. Default: true
colorScheme	string	The color scheme to use for the picker, 'light' or 'dark'. Default: 'light'
submitText	string	The text to show on the submit button if active. Default: 'OK'
color	string or object	Default color. Hex string (eg. 'ff0000') or object for RGB (eg. {r:255, g:0, b:0}) and HSB (eg. {h:0, s:100, b:100}). Default: '11ff00'
showEvent	string	Event that shows the color picker. Default: 'click'
livePreview	boolean	If true color values change live while the user moves a selector or types in a field. Turn it off to improve speed. Default: true
onBeforeShow	function	Callback function triggered before the color picker is shown. Use it to define custom behavior. Should receive a colorpicker DOM object.
onShow	function	Callback function triggered when the color picker is shown. Use it to define custom behavior. Should receive a colorpicker DOM object.
onHide	function	Callback function triggered when the color picker is hidden. Use it to define custom behavior. Should receive a colorpicker DOM object.
onChange	function	<p>Callback function triggered when the color is changed. This is the function that allows you to get the color picked by the user whenever it changes, without the user pressing the OK button. Should receive:</p> <ul style="list-style-type: none"> • HSB object (eg. {h:0, s:100, b:100}) • HEX string (with no #) • RGB object (eg. {r:255, g:0, b:0}) • el element, the parent element on which colorpicker() was called. Use it to modify this parent element on change (see first example below). • bySetColor flag: if true, the onChange callback was fired by the colpickSetColor function and not by the user changing the color directly in the picker. There are some cases in which you'll want a different behaviour in this case (see last example).
onSubmit	function	Callback function triggered when the color is chosen by the user, using the OK button . Should receive exactly the same as onChange. It's never fired if using submit:0 option.

jQuery.fn Functions

These functions are the color picker's interface. Use them to control the color picker externally, but not to get color values. To retrieve color values from the picker use the **onSubmit** and **onChange** callbacks.

Function	Description
colpick(options)	The main function used to create a color picker.
colpickHide()	Hides the color picker. Accepts no arguments. Use it to hide the picker with an external trigger.
colpickShow()	Shows the color picker. Accepts no arguments. Use it to show the picker with an external trigger.
colpickSetColor(col,setCurrent)	<p>Use it to set the picker color. The onChange callback is fired with bySetColor set to true. Parameters:</p> <ul style="list-style-type: none"> • col: a hex string (eg. 'd78b5a') or object for RGB (eg. {r:255, g:0, b:0}) and HSB (eg. {h:150, s:50, b:50}) • setCurrent: If true the color picker's current color (the one to the right in layouts with submit button) is set in addition to the new color, which is always set.

jQuery Functions

The following functions are used internally by the color picker. However, they may also be required as utility functions by your application. They are made available as jQuery functions:

Function	Description
\$.colpick.rgbToHex(rgb)	Receives an object like {r:255, g:0, b:0} and returns the corresponding HEX string (with no #).
\$.colpick.rgbToHsb(rgb)	Receives an object like {r:255, g:0, b:0} and returns the corresponding HSB object (eg. {h:0, s:100, b:100}). HSB values are not rounded. H is in the [0,360] range, while S and B are in the [0,100] range.
\$.colpick.hsbToHex(hsb)	Receives an object like {h:0, s:100, b:100} and returns the corresponding HEX string (with no #).
\$.colpick.hsbToRgb(hsb)	Receives an object like {h:0, s:100, b:100} and returns the corresponding RGB object (eg. {r:255, g:0, b:0}). RGB values are whole numbers in the [0,255] range.
\$.colpick.hexToHsb(hex)	Receives a hex string with no # and returns the corresponding HSB object (eg. {h:0, s:100, b:100}). HSB values are not rounded. H is in the [0,360] range, while S and B are in the [0,100] range.
\$.colpick.hexToRgb(hex)	Receives a hex string with no # and returns the corresponding RGB object (eg. {r:255, g:0, b:0}). RGB values are whole numbers in the [0,255] range.

Examples

Example - HEX textfield using onChange callback

#



HTML

<input type="text" id="picker">/input>

JS

```

$('#picker').colpick({
    layout:'hex',
    submit:0,
    colorScheme:'dark',
    onChange:function(hsb, hex, rgb, el, bySetColor) {
        $(el).css('border-color', '#'+hex);
        // Fill the text box just if the color was set using the picker,
        and not the colpickSetColor function.
        if(!bySetColor) $(el).val(hex);
    }
}).keyup(function() {
    $(this).colpickSetColor(this.value);
});

```

CSS

```

#picker {
    margin:0;
    padding:0;
    border:0;
    width:70px;
    height:20px;
    border-right:20px solid green;
    line-height:20px;
}

```

Example - Color boxes using onSubmit callback and rgbhex layout

HTML

```

<div class="color-box"></div>
<div class="color-box"></div>
<div class="color-box"></div>

```

JS

```

$('.color-box').colpick({
    colorScheme:'dark',
    layout:'rgbhex',
    color:'ff8800',
    onSubmit:function(hsb, hex, rgb, el) {
        $(el).css('background-color', '#'+hex);
        $(el).colpickHide();
    }
})
.css('background-color', '#ff8800');

```

CSS

```

.color-box {
    float:left;
    width:30px;
    height:30px;
    margin:5px;
    border: 1px solid white;
}

```