

Converting Colors

RGB(91, 192, 123)

Have a look what the booklet for
RGB(91, 192, 123) contains.

RGB(91, 192, 123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(91, 192, 123)

Conversions

Conversions Part 1

Format	Color
Hex	5BC07B
RGB	91, 192, 123
RGB Percent	36%, 75%, 48%
CMY	0.6431, 0.2471, 0.5176
CMYK	0.53, 0.00, 0.36, 0.25
HSL	139°, 44%, 55%
HSV	139°, 53%, 75%
XYZ	26.7392, 41.3535, 25.3116
YIQ	153.9350, -38.0470, -42.8710

Conversions

Conversions Part 2

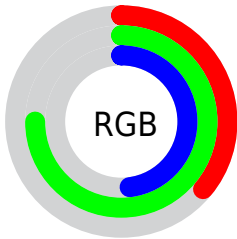
Format	Color
RYB	91, 168, 192
Decimal	6013051
CIELab	70.42, -44.89, 26.03
CIELCh	70, 51.891, 149.892
Yxy	41.3535, 0.2863, 0.4427
Android (android.graphics.Color)	4284203131 (0xFF5BC07B)
YUV	153.9350, -15.2510, -55.1940
Hunter-Lab	64.3067, -38.3151, 21.6777

Details

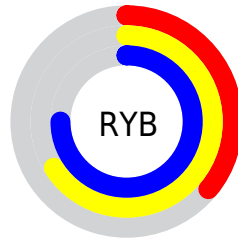
The RGB color **91, 192, 123** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **192, 91, 160**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **148, 249, 176**, and **27, 138, 73** is the 20% darker color. If you saturate the color by 10%, you get **72, 192, 110**, and if you desaturate by 10%, it is **110, 192, 136**.

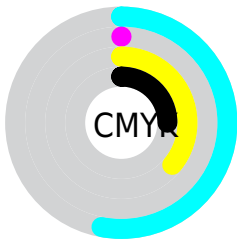
Distribution



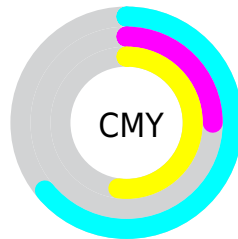
- Red (36%)
- Green (75%)
- Blue (48%)



- Red (36%)
- Yellow (66%)
- Blue (75%)



- Cyan (53%)
- Magenta (0%)
- Yellow (36%)
- Black (25%)



- Cyan (64%)
- Magenta (25%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 192, 123 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 91, 192, 123 by changing the saturation by 10% instead.



91, 192, 123



91, 192, 123

255, 255, 255



62, 164, 98



148, 249, 176



27, 138, 73



176, 255, 204



0, 111, 50



205, 255, 232



0, 86, 27



234, 255, 255



0, 62, 4



0, 41, 0



0, 3, 0




0, 0, 0



91, 192, 123




91, 192, 123

 72, 192, 110

 110, 192, 136


 53, 192, 97


 129, 192, 149


 33, 192, 84

 149, 192, 162

 14, 192, 71

 168, 192, 175

 0, 192, 61

 187, 192, 189

 206, 192, 202

 225, 192, 215

 245, 192, 228

 255, 192, 241

Harmonies

Analogous

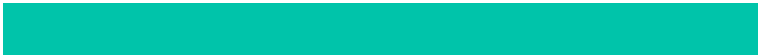
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152, 183, 87



91, 192, 123



0, 196, 170

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91, 192, 123



83, 177, 255



255, 137, 128

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91, 192, 123



192, 91, 160

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 132, 174



91, 192, 123



175, 160, 254

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91, 192, 123



0, 189, 253



230, 142, 220



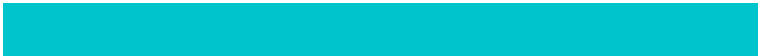
237, 152, 91

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 192, 123



0, 196, 203



230, 142, 220



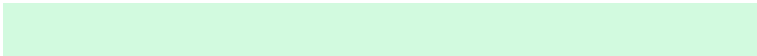
255, 134, 143

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91, 192, 123



210, 250, 223



160, 192, 91



101, 125, 109



252, 252, 252



125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 192, 123



92, 250, 142



91, 192, 173



87, 97, 90



0, 161, 51



0, 33, 11

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



192, 91, 160



250, 92, 200



192, 91, 110



97, 87, 94



161, 0, 110



33, 0, 23

Previews

White Background



This preview shows how the RGB color 91, 192, 123 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 91, 192, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

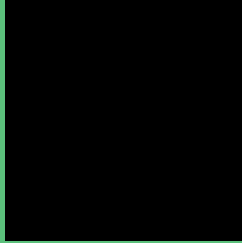
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 91, 192, 123 Background



This preview shows how black text looks on a background with the RGB color 91, 192, 123.

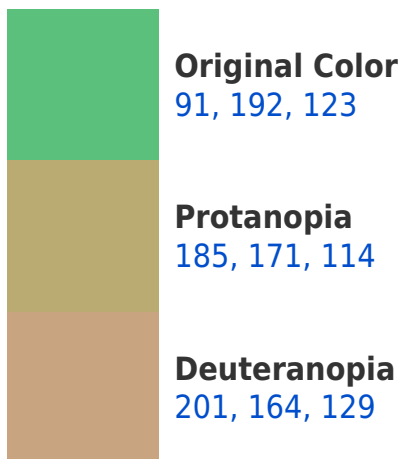


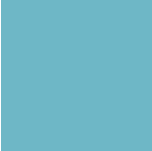
This preview shows how white text looks on a background with the RGB color 91, 192, 123.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
110, 183, 198

Trichromacy



Original Color

91, 192, 123



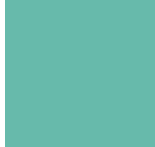
Protanomaly

151, 179, 117



Deuteranomaly

161, 174, 127



Tritanomaly

103, 186, 171

Monochromacy



Original Color

91, 192, 123



Achromatopsia

154, 154, 154



Achromatomaly

131, 168, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 192, 123 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(91, 192, 123) looks like.

```
.text, #text, p{  
    color:rgb(91, 192, 123)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(91, 192, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 192, 123) }
```

Border

The CSS property to change the border of an element to RGB 91, 192, 123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 192, 123) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(91, 192, 123) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(91, 192, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 192, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 192, 123);  
box-shadow:4px 4px 4px 4px rgb(91, 192,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 91, 192, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 192, 123) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(91, 192,  
123) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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