

Converting Colors

RGB(91, 213, 124)

Have a look what the booklet for
RGB(91, 213, 124) contains.

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Color

RGB(91, 213, 124)

Conversions

Conversions Part 1

Format	Color
Hex	5BD57C
RGB	91, 213, 124
RGB Percent	36%, 84%, 49%
CMY	0.6431, 0.1647, 0.5137
CMYK	0.57, 0.00, 0.42, 0.16
HSL	136°, 59%, 60%
HSV	136°, 57%, 84%
XYZ	31.7467, 51.2679, 27.2912
YIQ	166.3760, -44.1430, -53.5430

Conversions

Conversions Part 2

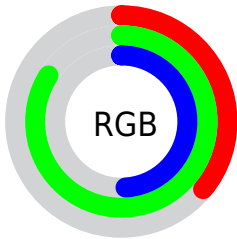
Format	Color
RYB	91, 187, 213
Decimal	6018428
CIELab	76.84, -53.26, 33.97
CIELCh	77, 63.172, 147.470
Yxy	51.2679, 0.2878, 0.4648
Android (android.graphics.Color)	4284208508 (0xFF5BD57C)
YUV	166.3760, -20.8914, -66.1048
Hunter-Lab	71.6016, -46.1594, 27.5225

Details

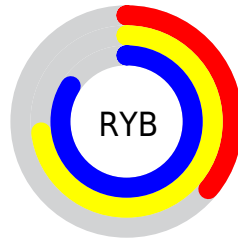
The RGB color **91, 213, 124** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **213, 91, 180**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **150, 255, 177**, and **12, 157, 74** is the 20% darker color. If you saturate the color by 10%, you get **70, 213, 108**, and if you desaturate by 10%, it is **112, 213, 140**.

Distribution



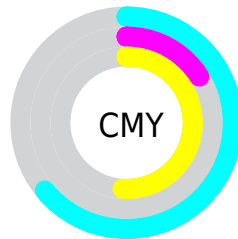
- Red (36%)
- Green (84%)
- Blue (49%)



- Red (36%)
- Yellow (73%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RGB color 91, 213, 124 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, 213, 124 by changing the saturation by 10% instead.


 91, 213, 124

 91, 213, 124


255, 255, 255

 59, 185, 98


 150, 255, 177

 12, 157, 74

 180, 255, 205

 0, 130, 49

 209, 255, 234

 0, 104, 25

 239, 255, 255

 0, 79, 0

 0, 55, 0

 0, 32, 0

 0, 0, 0

 91, 213, 124

 91, 213, 124

 70, 213, 108

 112, 213, 140

 48, 213, 93

 134, 213, 155

 27, 213, 77

 155, 213, 171

 6, 213, 62

 176, 213, 186

 0, 213, 58

 198, 213, 202

 219, 213, 217

 240, 213, 233

 255, 213, 248

 255, 213, 255

Harmonies

Analogous

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



169, 202, 79



91, 213, 124



0, 218, 183

Triad

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



91, 213, 124



12, 198, 255



255, 143, 139

Complementary

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



91, 213, 124



213, 91, 180

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, 138, 197



91, 213, 124



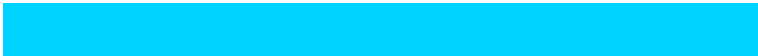
184, 176, 255

Square

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



91, 213, 124



0, 211, 255



255, 152, 253



255, 163, 91

Rectangle

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



91, 213, 124



0, 219, 223



255, 152, 253



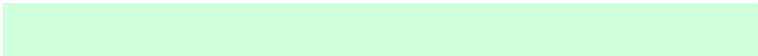
255, 139, 158

Sweetspot

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



91, 213, 124



212, 255, 223



180, 213, 91



102, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



91, 213, 124



79, 255, 127



91, 213, 185



96, 107, 99



0, 171, 46



0, 43, 12

Inverse Universe

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



213, 91, 180



255, 79, 207



213, 91, 119



107, 96, 104



171, 0, 125



43, 0, 32

Previews

White Background



This preview shows how the RGB color 91, 213, 124 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, 213, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

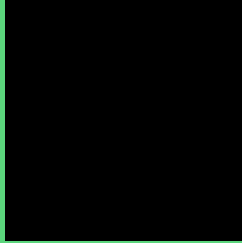
Any Text WCAG AA ✓ Pass

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, 213, 124 Background



This preview shows how black text looks on a background with the RGB color 91, 213, 124.

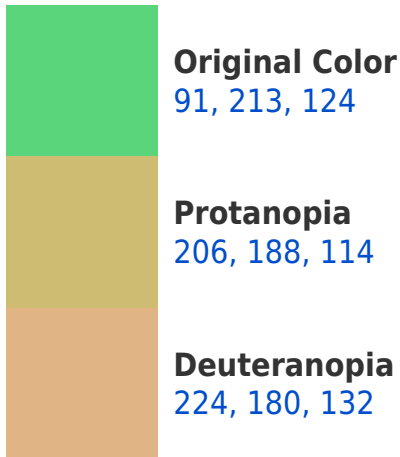


This preview shows how white text looks on a background with the RGB color 91, 213, 124.

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
116, 202, 218

Trichromacy



Original Color

91, 213, 124



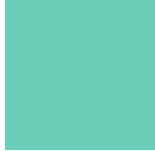
Protanomaly

164, 197, 118



Deuteranomaly

176, 192, 129



Tritanomaly

107, 206, 184

Monochromacy



Original Color

91, 213, 124



Achromatopsia

166, 166, 166



Achromatomaly

139, 183, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 213, 124 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, 213, 124)` looks like.

```
.text, #text, p{  
    color:rgb(91, 213, 124)  
}
```

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, 213, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 213, 124) }
```

Border

The CSS property to change the border of an element to RGB 91, 213, 124 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, 213, 124) }
```

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

```
.border{ border-color:rgb(91, 213, 124) }
```

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

Here you see how a box with a 4 pixel rgb(91, 213, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 213, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 213, 124);  
box-shadow:4px 4px 4px 4px rgb(91, 213,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 91, 213, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 213, 124) }
```

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

```
.background{ background-color: rgb(91, 213,  
124) }
```

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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