

Converting Colors

RGB(95, 197, 144)

Have a look what the booklet for
RGB(95, 197, 144) contains.

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Color

RGB(95, 197, 144)

Conversions

Conversions Part 1

Format	Color
Hex	5FC590
RGB	95, 197, 144
RGB Percent	37%, 77%, 56%
CMY	0.6275, 0.2275, 0.4353
CMYK	0.52, 0.00, 0.27, 0.23
HSL	149°, 47%, 57%
HSV	149°, 52%, 77%
XYZ	29.7196, 44.3790, 33.3852
YIQ	160.4600, -43.7790, -38.1070

Conversions

Conversions Part 2

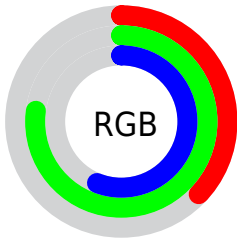
Format	Color
RYB	95, 164, 197
Decimal	6276496
CIELab	72.48, -42.02, 17.69
CIELCh	72, 45.588, 157.167
Yxy	44.3790, 0.2765, 0.4129
Android (android.graphics.Color)	4284466576 (0xFF5FC590)
YUV	160.4600, -8.1148, -57.4084
Hunter-Lab	66.6176, -36.9479, 16.9193

Details

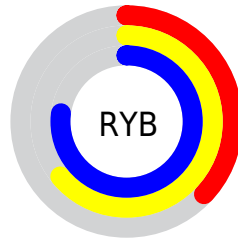
The RGB color **95, 197, 144** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **197, 95, 148**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **152, 254, 198**, and **33, 142, 93** is the 20% darker color. If you saturate the color by 10%, you get **75, 197, 134**, and if you desaturate by 10%, it is **115, 197, 154**.

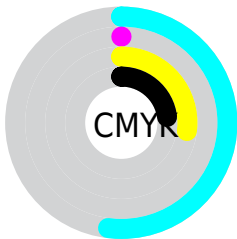
Distribution



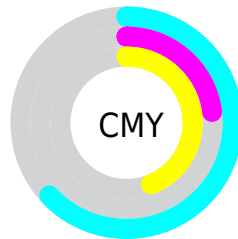
- Red (37%)
- Green (77%)
- Blue (56%)



- Red (37%)
- Yellow (64%)
- Blue (77%)



- Cyan (52%)
- Magenta (0%)
- Yellow (27%)
- Black (23%)



- Cyan (63%)
- Magenta (23%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 197, 144 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 95, 197, 144 by changing the saturation by 10% instead.



95, 197, 144



95, 197, 144

255, 255, 255



66, 169, 118



152, 254, 198



33, 142, 93



180, 255, 226



0, 116, 70



209, 255, 255



0, 91, 47



239, 255, 255



0, 66, 25



0, 44, 0



0, 16, 0




0, 0, 0




95, 197, 144




95, 197, 144

 75, 197, 134


 115, 197, 154

 56, 197, 124


 134, 197, 164


 36, 197, 113

 154, 197, 175


 16, 197, 103

 174, 197, 185

 0, 197, 95

 194, 197, 195

 213, 197, 205

 233, 197, 216

 253, 197, 226

 255, 197, 236

Harmonies

Analogous

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



150, 190, 109



95, 197, 144



0, 200, 187

Triad

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



95, 197, 144



130, 179, 255



253, 150, 130

Complementary

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



95, 197, 144



197, 95, 148

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, 144, 169



95, 197, 144



195, 163, 244

Square

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



95, 197, 144



11, 191, 254



238, 149, 211



230, 164, 101

Rectangle

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



95, 197, 144



0, 199, 214



238, 149, 211



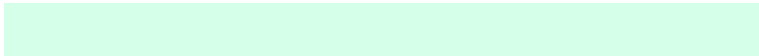
255, 147, 142

Sweetspot

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



95, 197, 144



214, 255, 234



149, 197, 95



103, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



95, 197, 144



97, 255, 173



95, 197, 194



90, 99, 94



0, 163, 78



0, 36, 17

Inverse Universe

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



197, 95, 148



255, 97, 179



197, 95, 98



99, 90, 95



163, 0, 85



36, 0, 19

Previews

White Background



This preview shows how the RGB color 95, 197, 144 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 95, 197, 144 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 95, 197, 144 Background



This preview shows how black text looks on a background with the RGB color 95, 197, 144.

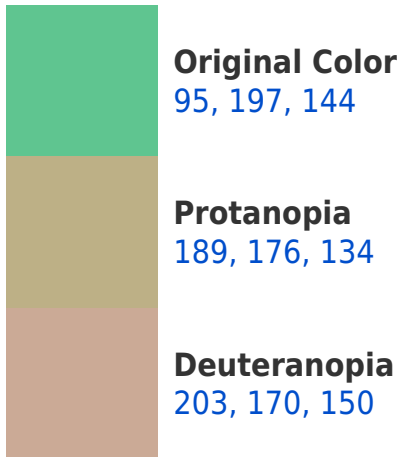


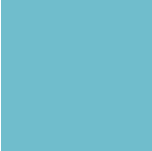
This preview shows how white text looks on a background with the RGB color 95, 197, 144.

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
112, 189, 204

Trichromacy



Original Color

95, 197, 144



Protanomaly

155, 184, 138



Deuteranomaly

164, 180, 148



Tritanomaly

106, 192, 182

Monochromacy



Original Color

95, 197, 144



Achromatopsia

160, 160, 160



Achromatomaly

136, 173, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 197, 144 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(95, 197, 144)` looks like.

```
.text, #text, p{  
    color:rgb(95, 197, 144)  
}
```

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(95, 197, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 197, 144) }
```

Border

The CSS property to change the border of an element to RGB 95, 197, 144 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(95, 197, 144) }
```

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

```
.border{ border-color:rgb(95, 197, 144) }
```

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

Here you see how a box with a 4 pixel rgb(95, 197, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 197, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 197, 144);  
box-shadow:4px 4px 4px 4px rgb(95, 197,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 95, 197, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 197, 144) }
```

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

```
.background{ background-color: rgb(95, 197,  
144) }
```

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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