

Converting Colors

RGB(95, 199, 148)

Have a look what the booklet for
RGB(95, 199, 148) contains.

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Color

RGB(95, 199, 148)

Conversions

Conversions Part 1

Format	Color
Hex	5FC794
RGB	95, 199, 148
RGB Percent	37%, 78%, 58%
CMY	0.6275, 0.2196, 0.4196
CMYK	0.52, 0.00, 0.26, 0.22
HSL	151°, 48%, 58%
HSV	151°, 52%, 78%
XYZ	30.4880, 45.4179, 35.1766
YIQ	162.0900, -45.6130, -37.9090

Conversions

Conversions Part 2

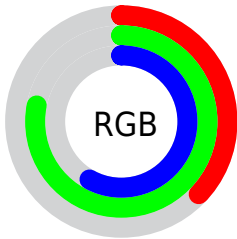
Format	Color
RYB	95, 164, 199
Decimal	6277012
CIELab	73.17, -42.07, 16.50
CIElCh	73, 45.189, 158.583
Yxy	45.4179, 0.2745, 0.4089
Android (android.graphics.Color)	4284467092 (0xFF5FC794)
YUV	162.0900, -6.9464, -58.8379
Hunter-Lab	67.3928, -37.1852, 16.2277

Details

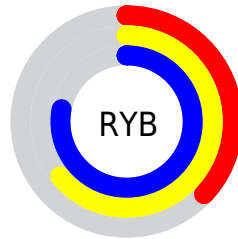
The RGB color **95, 199, 148** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **199, 95, 146**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **152, 255, 202**, and **32, 144, 97** is the 20% darker color. If you saturate the color by 10%, you get **75, 199, 138**, and if you desaturate by 10%, it is **115, 199, 158**.

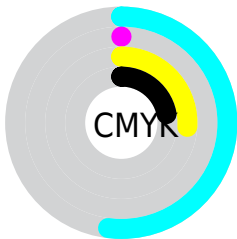
Distribution



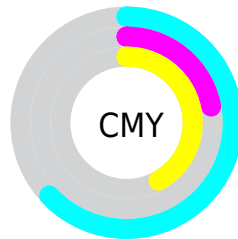
- Red (37%)
- Green (78%)
- Blue (58%)



- Red (37%)
- Yellow (64%)
- Blue (78%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)



- Cyan (63%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 199, 148 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, 199, 148 by changing the saturation by 10% instead.



95, 199, 148



95, 199, 148

255, 255, 255



66, 171, 122



152, 255, 202



32, 144, 97



181, 255, 230



0, 118, 73



210, 255, 255



0, 93, 50



239, 255, 255



0, 68, 29



0, 45, 5



0, 19, 0




0, 0, 0




95, 199, 148




95, 199, 148

 75, 199, 138


 115, 199, 158

 55, 199, 128


 135, 199, 168

 35, 199, 119

 155, 199, 177

 15, 199, 109

 175, 199, 187

 0, 199, 101

 195, 199, 197

 214, 199, 207

 234, 199, 216

 254, 199, 226

 255, 199, 236

Harmonies

Analogous

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



149, 192, 113



95, 199, 148



0, 201, 191

Triad

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



95, 199, 148



136, 180, 255



254, 153, 130

Complementary

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



95, 199, 148



199, 95, 146

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, 146, 169



95, 199, 148



199, 164, 245

Square

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



95, 199, 148



37, 192, 255



241, 151, 211



230, 167, 103

Rectangle

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



95, 199, 148



0, 200, 218



241, 151, 211



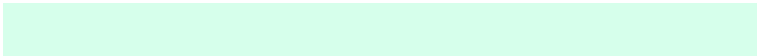
255, 150, 142

Sweetspot

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



95, 199, 148



214, 255, 235



147, 199, 95



103, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



95, 199, 148



94, 255, 176



95, 199, 199



90, 99, 95



0, 163, 83



0, 36, 18

Inverse Universe

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



199, 95, 146



255, 94, 173



199, 95, 95



99, 90, 94



163, 0, 80



36, 0, 18

Previews

White Background



This preview shows how the RGB color 95, 199, 148 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, 199, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

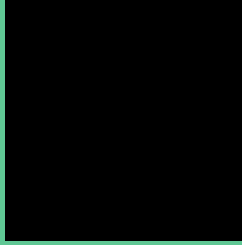
Any Text WCAG AA ✓ Pass

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, 199, 148 Background



This preview shows how black text looks on a background with the RGB color 95, 199, 148.

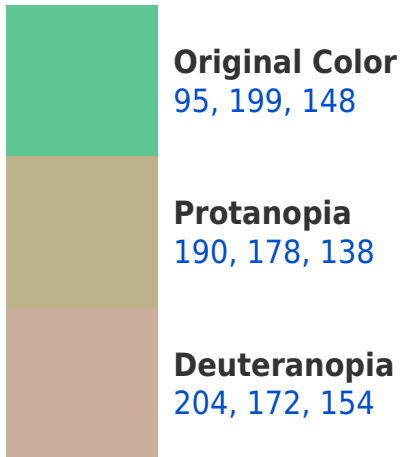


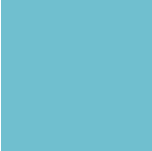
This preview shows how white text looks on a background with the RGB color 95, 199, 148.

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, 191, 207

Trichromacy



Original Color

95, 199, 148



Protanomaly

155, 186, 142



Deuteranomaly

164, 182, 152



Tritanomaly

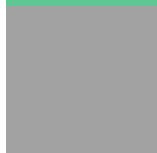
106, 194, 186

Monochromacy



Original Color

95, 199, 148



Achromatopsia

162, 162, 162



Achromatomaly

138, 175, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 199, 148 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, 199, 148)` looks like.

```
.text, #text, p{  
    color:rgb(95, 199, 148)  
}
```

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, 199, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 199, 148) }
```

Border

The CSS property to change the border of an element to RGB 95, 199, 148 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, 199, 148) }
```

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

```
.border{ border-color:rgb(95, 199, 148) }
```

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

Here you see how a box with a 4 pixel rgb(95, 199, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 199, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 199, 148);  
box-shadow:4px 4px 4px 4px rgb(95, 199,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 95, 199, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 199, 148) }
```

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

```
.background{ background-color: rgb(95, 199,  
148) }
```

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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