

Converting Colors

RGB(97, 185, 156)

Have a look what the booklet for
RGB(97, 185, 156) contains.

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Color

RGB(97, 185, 156)

Conversions

Conversions Part 1

Format	Color
Hex	61B99C
RGB	97, 185, 156
RGB Percent	38%, 73%, 61%
CMY	0.6196, 0.2745, 0.3882
CMYK	0.48, 0.00, 0.16, 0.27
HSL	160°, 39%, 55%
HSV	160°, 48%, 73%
XYZ	28.2795, 39.6396, 37.6132
YIQ	155.3820, -43.1390, -27.6750

Conversions

Conversions Part 2

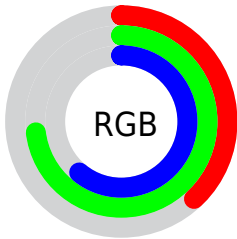
Format	Color
RYB	97, 150, 185
Decimal	6404508
CIELab	69.21, -33.50, 6.59
CIElCh	69, 34.139, 168.878
Yxy	39.6396, 0.2680, 0.3756
Android (android.graphics.Color)	4284594588 (0xFF61B99C)
YUV	155.3820, 0.3047, -51.2010
Hunter-Lab	62.9600, -30.0039, 8.6513

Details

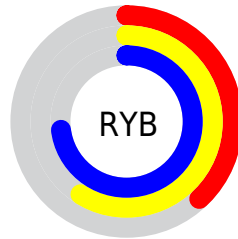
The RGB color **97, 185, 156** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **185, 97, 126**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **152, 242, 210**, and **39, 131, 105** is the 20% darker color. If you saturate the color by 10%, you get **78, 185, 150**, and if you desaturate by 10%, it is **115, 185, 162**.

Distribution



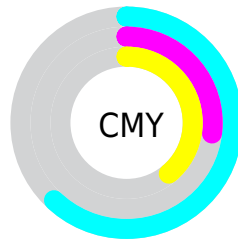
- Red (38%)
- Green (73%)
- Blue (61%)



- Red (38%)
- Yellow (59%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)




- Cyan (62%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 185, 156 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 97, 185, 156 by changing the saturation by 10% instead.

 97, 185, 156


255, 255, 255


 152, 242, 210


 181, 255, 239


 209, 255, 255


 239, 255, 255

 97, 185, 156


 69, 158, 130

 39, 131, 105


 0, 106, 81


 0, 81, 58


 0, 57, 36


 0, 36, 15

 0, 0, 0

 97, 185, 156

 78, 185, 150

 97, 185, 156

 115, 185, 162

■ 60, 185, 144

■ 134, 185, 168

■ 41, 185, 138

■ 153, 185, 174

■ 23, 185, 132

■ 171, 185, 180

■ 4, 185, 126

■ 189, 185, 186

■ 0, 185, 124

■ 208, 185, 193

■ 227, 185, 199

■ 245, 185, 205

■ 255, 185, 211

Harmonies

Analogous

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



135, 181, 127



97, 185, 156



63, 186, 188

Triad

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



97, 185, 156



156, 165, 227



222, 153, 124

Complementary

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



97, 185, 156



185, 97, 126

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.



230, 146, 150



97, 185, 156



197, 154, 210

Square

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



97, 185, 156



108, 175, 229



222, 147, 182



200, 163, 108

Rectangle

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



97, 185, 156



57, 184, 207



222, 147, 182



226, 150, 132

Sweetspot

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



97, 185, 156



206, 240, 229



126, 185, 97



99, 120, 113



247, 247, 247



120, 120, 120

Same Dimension

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



97, 185, 156



103, 240, 195



97, 170, 185



83, 92, 89



0, 156, 104



0, 28, 19

Inverse Universe

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



185, 97, 126



240, 103, 148



185, 112, 97



92, 83, 86



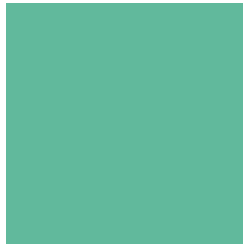
156, 0, 51



28, 0, 9

Previews

White Background



This preview shows how the RGB color 97, 185, 156 looks on a white background.

Color Contrast Check

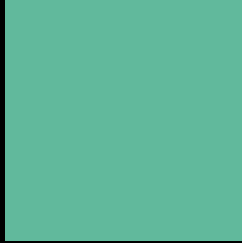
Large Text (above 18pt) WCAG AA × Fail

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 97, 185, 156 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 97, 185, 156 Background



This preview shows how black text looks on a background with the RGB color 97, 185, 156.

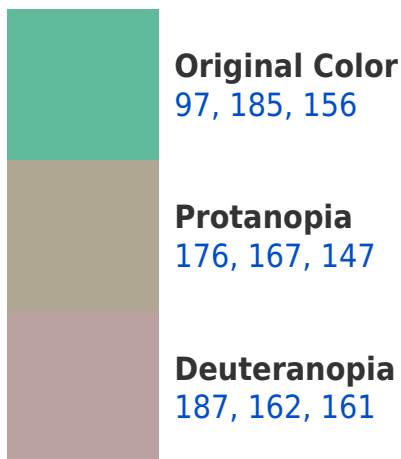


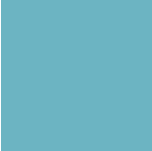
This preview shows how white text looks on a background with the RGB color 97, 185, 156.

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
108, 180, 194

Trichromacy



Original Color

97, 185, 156



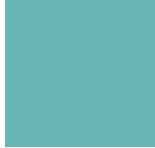
Protanomaly

147, 174, 150



Deuteranomaly

154, 170, 159



Tritanomaly

104, 182, 180

Monochromacy



Original Color

97, 185, 156



Achromatopsia

155, 155, 155



Achromatomaly

134, 166, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 185, 156 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(97, 185, 156)` looks like.

```
.text, #text, p{  
    color:rgb(97, 185, 156)  
}
```

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(97, 185, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 185, 156) }
```

Border

The CSS property to change the border of an element to RGB 97, 185, 156 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(97, 185, 156) }
```

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

```
.border{ border-color:rgb(97, 185, 156) }
```

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

Here you see how a box with a 4 pixel rgb(97, 185, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 185, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 185, 156);  
box-shadow:4px 4px 4px 4px rgb(97, 185,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 97, 185, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 185, 156) }
```

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

```
.background{ background-color: rgb(97, 185,  
156) }
```

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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