

Converting Colors

RGB(106, 195, 158)

Have a look what the booklet for
RGB(106, 195, 158) contains.

RGB(106, 195, 158)	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(106, 195, 158)

Conversions

Conversions Part 1

Format	Color
Hex	6AC39E
RGB	106, 195, 158
RGB Percent	42%, 76%, 62%
CMY	0.5843, 0.2353, 0.3804
CMYK	0.46, 0.00, 0.19, 0.24
HSL	155°, 43%, 59%
HSV	155°, 46%, 76%
XYZ	31.6305, 44.5630, 39.2822
YIQ	164.1710, -41.1670, -30.3750

Conversions

Conversions Part 2

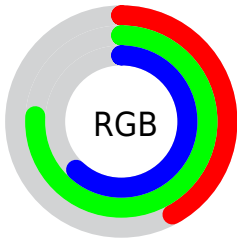
Format	Color
RYB	106, 162, 195
Decimal	6996894
CIELab	72.60, -35.42, 10.39
CIElCh	73, 36.910, 163.656
Yxy	44.5630, 0.2739, 0.3859
Android (android.graphics.Color)	4285186974 (0xFF6AC39E)
YUV	164.1710, -3.0423, -51.0160
Hunter-Lab	66.7555, -32.2442, 11.8398

Details

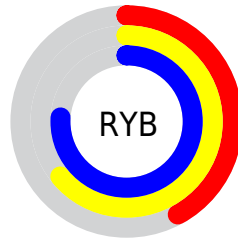
The RGB color **106, 195, 158** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **195, 106, 143**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **162, 252, 213**, and **49, 141, 107** is the 20% darker color. If you saturate the color by 10%, you get **87, 195, 150**, and if you desaturate by 10%, it is **126, 195, 166**.

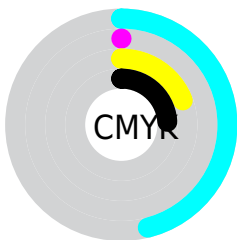
Distribution



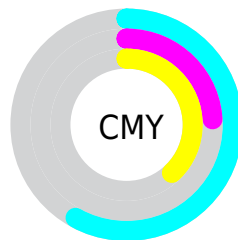
- Red (42%)
- Green (76%)
- Blue (62%)



- Red (42%)
- Yellow (64%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 195, 158 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 106, 195, 158 by changing the saturation by 10% instead.

 106, 195, 158

255, 255, 255


 162, 252, 213


 190, 255, 241


 219, 255, 255

 248, 255, 255

 106, 195, 158

 78, 167, 132

 49, 141, 107

 12, 115, 82

 0, 90, 59


 0, 65, 37


 0, 43, 17

 0, 17, 0


 0, 0, 0

 106, 195, 158


 106, 195, 158

 87, 195, 150


 126, 195, 166

 67, 195, 142

 145, 195, 174

 48, 195, 134

 165, 195, 182

 28, 195, 126

 184, 195, 190

 9, 195, 117

 204, 195, 199

 0, 195, 114

 223, 195, 207

 243, 195, 215

 255, 195, 223

 255, 195, 231

Harmonies

Analogous

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



148, 190, 128



106, 195, 158



63, 196, 193

Triad

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



106, 195, 158



155, 176, 243



238, 159, 133

Complementary

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



106, 195, 158



195, 106, 143

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.



245, 152, 164



106, 195, 158



202, 164, 227

Square

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



106, 195, 158



100, 187, 242



233, 154, 198



217, 170, 114

Rectangle

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



106, 195, 158



48, 195, 214



233, 154, 198



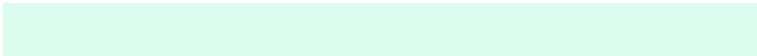
242, 156, 142

Sweetspot

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



106, 195, 158



217, 252, 238



143, 195, 106



106, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



106, 195, 158



114, 252, 195



106, 188, 195



87, 97, 93



0, 161, 94



0, 33, 19

Inverse Universe

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



195, 106, 143



252, 114, 171



195, 113, 106



97, 87, 91



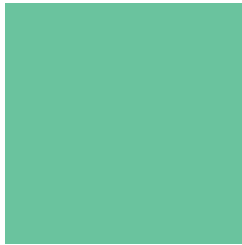
161, 0, 67



33, 0, 14

Previews

White Background



This preview shows how the RGB color 106, 195, 158 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 106, 195, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

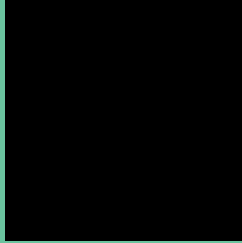
Any Text WCAG AA ✓ Pass

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 106, 195, 158 Background



This preview shows how black text looks on a background with the RGB color 106, 195, 158.

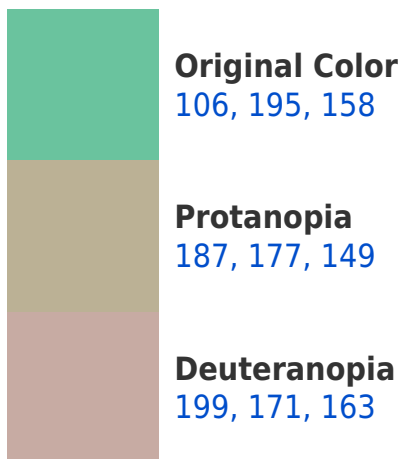


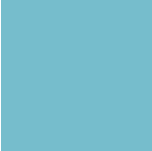
This preview shows how white text looks on a background with the RGB color 106, 195, 158.

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
118, 189, 204

Trichromacy



Original Color

106, 195, 158



Protanomaly

158, 184, 152



Deuteranomaly

165, 180, 161



Tritanomaly

114, 191, 187

Monochromacy



Original Color

106, 195, 158



Achromatopsia

164, 164, 164



Achromatomaly

143, 175, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 195, 158 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(106, 195, 158)` looks like.

```
.text, #text, p{  
    color:rgb(106, 195, 158)  
}
```

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(106, 195, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 195, 158) }
```

Border

The CSS property to change the border of an element to RGB 106, 195, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

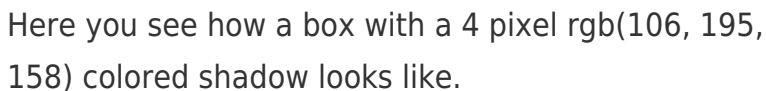
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 195, 158) }
```

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

```
.border{ border-color:rgb(106, 195, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 195, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 195, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 195, 158);  
box-shadow:4px 4px 4px 4px rgb(106, 195,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 106, 195, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 195, 158) }
```

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

```
.background{ background-color: rgb(106,  
195, 158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor