

# Converting Colors

RGB(156, 190, 165)

Have a look what the booklet for  
RGB(156, 190, 165) contains.

<b>RGB(156, 190, 165)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(156, 190, 165)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CBEA5
RGB	156, 190, 165
RGB Percent	61%, 75%, 65%
CMY	0.3882, 0.2549, 0.3529
CMYK	0.18, 0.00, 0.13, 0.25
HSL	136°, 21%, 68%
HSV	136°, 18%, 75%
XYZ	38.9153, 46.6114, 42.5432
YIQ	176.9840, -12.2390, -14.9830

# Conversions

## Conversions Part 2

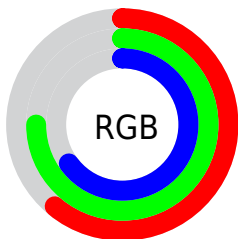
Format	Color
<a href="#">RYB</a>	<a href="#">156, 183, 190</a>
Decimal	<a href="#">10272421</a>
CIELab	<a href="#">73.94, -16.40, 8.86</a>
CIELCh	<a href="#">74, 18.637, 151.627</a>
Yxy	<a href="#">46.6114, 0.3039, 0.3640</a>
Android (android.graphics.Color)	<a href="#">4288462501 (0xFF9CBEA5)</a>
YUV	<a href="#">176.9840, -5.9081, -18.4030</a>
Hunter-Lab	<a href="#">68.2726, -17.7322, 10.8450</a>

# Details

The RGB color **156, 190, 165** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **190, 156, 181**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **211, 246, 220**, and **104, 137, 113** is the 20% darker color. If you saturate the color by 10%, you get **137, 190, 151**, and if you desaturate by 10%, it is **175, 190, 179**.

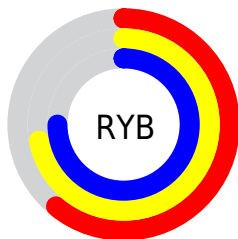
# Distribution



Red (61%)

Green (75%)

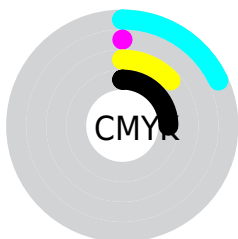
Blue (65%)



Red (61%)

Yellow (72%)

Blue (75%)

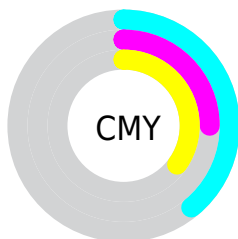


Cyan (18%)

Magenta (0%)

Yellow (13%)

Black (25%)



Cyan (39%)

Magenta (25%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 156, 190, 165 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 156, 190, 165 by changing the saturation by 10% instead.



 156, 190, 165


255, 255, 255


 211, 246, 220

 239, 255, 249

 156, 190, 165


 130, 163, 139

 104, 137, 113

 80, 111, 89

 56, 87, 65

 34, 63, 43


 11, 41, 23

 0, 22, 0

 0, 0, 0

 156, 190, 165


 156, 190, 165


 137, 190, 151


 175, 190, 179


 118, 190, 137


 194, 190, 193


 99, 190, 123


 213, 190, 207

 80, 190, 109


 232, 190, 221

 61, 190, 95


 251, 190, 235


 42, 190, 81

 255, 190, 249

 23, 190, 67

 255, 190, 255

 4, 190, 53

 0, 190, 50

# Harmonies

## Analogous

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



175, 186, 152



156, 190, 165



141, 192, 182

# Triad

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



156, 190, 165



164, 183, 216



217, 171, 165

# Complementary

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



156, 190, 165



190, 156, 181

# 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.



216, 170, 181



156, 190, 165



186, 177, 211

# Square

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



156, 190, 165



144, 188, 211



205, 172, 198



209, 175, 152

# Rectangle

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



156, 190, 165



136, 192, 194



205, 172, 198



218, 170, 170

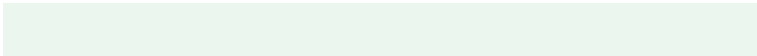


# Sweetspot

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



156, 190, 165



235, 247, 238



182, 190, 156



117, 125, 119



252, 252, 252



125, 125, 125

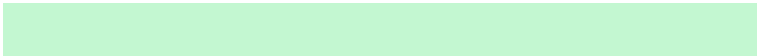


# Same Dimension

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



156, 190, 165



195, 247, 209



156, 190, 182



85, 94, 87



0, 158, 42



0, 31, 8



# Inverse Universe

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



190, 156, 181



247, 195, 234



190, 156, 165



94, 85, 92



158, 0, 116



31, 0, 23



# Previews

## White Background



This preview shows how the RGB color 156, 190, 165 looks on a white background.

## Color Contrast Check

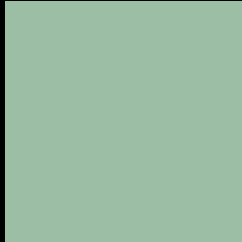
Large Text (above 18pt) WCAG AA × Fail

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 156, 190, 165 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

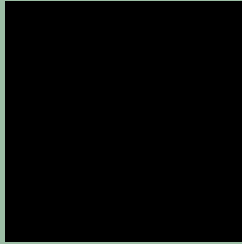
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 156, 190, 165 Background



This preview shows how black text looks on a background with the RGB color 156, 190, 165.



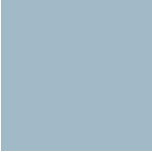
This preview shows how white text looks on a background with the RGB color 156, 190, 165.

# 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](#).

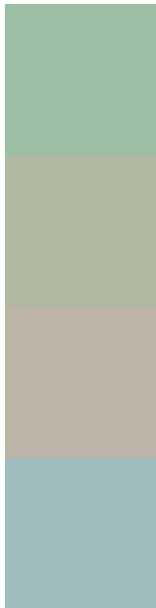
## Dichromacy





**Tritanopia**  
162, 185, 200

# Trichromacy



**Original Color**

156, 190, 165

**Protanomaly**

177, 184, 162

**Deuteranomaly**

187, 180, 167

**Tritanomaly**

160, 187, 187

# Monochromacy



**Original Color**

156, 190, 165

**Achromatopsia**

177, 177, 177

**Achromatomaly**

169, 182, 173

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 156, 190, 165 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(156, 190, 165)` looks like.

```
.text, #text, p{  
    color:rgb(156, 190, 165)  
}
```

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(156, 190, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 190, 165) }
```

## Border

The CSS property to change the border of an element to RGB 156, 190, 165 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(156, 190, 165) }
```

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

```
.border{ border-color:rgb(156, 190, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 190, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 190, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 190, 165);  
box-shadow:4px 4px 4px 4px rgb(156, 190,  
165) }
```

# Background

The CSS property to change the background color of an element to RGB 156, 190, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 190, 165) }
```

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

```
.background{ background-color: rgb(156,  
190, 165) }
```

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