

# Converting Colors

RGB(118, 190, 162)

Have a look what the booklet for  
RGB(118, 190, 162) contains.

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# **Color**

**RGB(118, 190, 162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76BEA2
RGB	118, 190, 162
RGB Percent	46%, 75%, 64%
CMY	0.5373, 0.2549, 0.3647
CMYK	0.38, 0.00, 0.15, 0.25
HSL	157°, 36%, 60%
HSV	157°, 38%, 75%
XYZ	32.4063, 43.2871, 40.8297
YIQ	165.2800, -33.9240, -23.9720

# Conversions

## Conversions Part 2

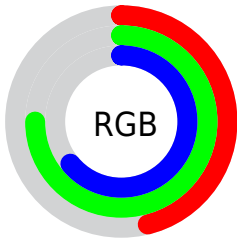
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 163, 190
Decimal	7782050
CIELab	71.75, -28.93, 7.07
CIELCh	72, 29.780, 166.269
Yxy	43.2871, 0.2781, 0.3715
Android (android.graphics.Color)	4285972130 (0xFF76BEA2)
YUV	165.2800, -1.6170, -41.4646
Hunter-Lab	65.7929, -27.2176, 9.2610

# Details

The RGB color **118, 190, 162** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190, 118, 146**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **173, 247, 217**, and **65, 136, 110** is the 20% darker color. If you saturate the color by 10%, you get **99, 190, 155**, and if you desaturate by 10%, it is **137, 190, 169**.

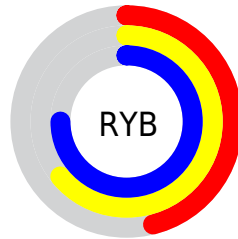
# Distribution



Red (46%)

Green (75%)

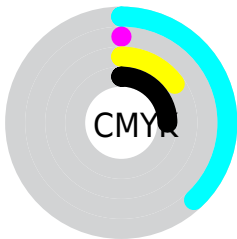
Blue (64%)



Red (46%)

Yellow (64%)

Blue (75%)

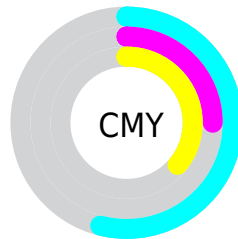


Cyan (38%)

Magenta (0%)

Yellow (15%)

Black (25%)



Cyan (54%)

Magenta (25%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 118, 190, 162 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 118, 190, 162 by changing the saturation by 10% instead.



 118, 190, 162


255, 255, 255


 173, 247, 217

 201, 255, 245

 230, 255, 255

 118, 190, 162

 91, 163, 136


 65, 136, 110

 38, 111, 86

 1, 86, 63

 0, 62, 41


 0, 40, 21

 0, 12, 0


 0, 0, 0

 118, 190, 162


 118, 190, 162

 99, 190, 155


 137, 190, 169

 80, 190, 147


 156, 190, 177

 61, 190, 140

 175, 190, 184


 42, 190, 132

 194, 190, 192


 23, 190, 125

 213, 190, 199

 4, 190, 118

 232, 190, 206

 0, 190, 116

 251, 190, 214

 255, 190, 221

 255, 190, 229

# Harmonies

## Analogous

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



149, 186, 138



118, 190, 162



94, 191, 190

# Triad

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



118, 190, 162



162, 173, 228



225, 161, 138

# Complementary

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



118, 190, 162



190, 118, 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.



231, 156, 162



118, 190, 162



198, 164, 214

# Square

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



118, 190, 162



123, 182, 228



222, 157, 189



206, 170, 123

# Rectangle

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



118, 190, 162



90, 189, 207



222, 157, 189



228, 159, 145



# Sweetspot

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



118, 190, 162



220, 247, 237



147, 190, 118



109, 125, 119



252, 252, 252



125, 125, 125



# Same Dimension

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



118, 190, 162



136, 247, 204



118, 183, 190



85, 94, 91



0, 158, 97



0, 31, 19



# Inverse Universe

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



190, 118, 146



247, 136, 179



190, 125, 118



94, 85, 89



158, 0, 61



31, 0, 12



# Previews

## White Background



This preview shows how the RGB color 118, 190, 162 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 118, 190, 162 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

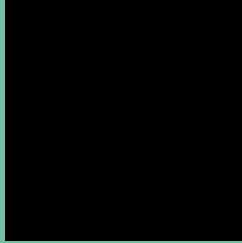
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 118, 190, 162 Background



This preview shows how black text looks on a background with the RGB color 118, 190, 162.



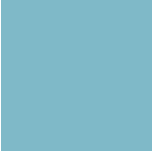
This preview shows how white text looks on a background with the RGB color 118, 190, 162.

# 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**  
127, 185, 200

# Trichromacy



**Original Color**

118, 190, 162



**Protanomaly**

159, 180, 157



**Deuteranomaly**

167, 177, 165



**Tritanomaly**

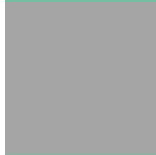
124, 187, 186

# Monochromacy



**Original Color**

118, 190, 162



**Achromatopsia**

165, 165, 165



**Achromatomaly**

148, 174, 164

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 118, 190, 162 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(118, 190, 162)` looks like.

```
.text, #text, p{  
    color:rgb(118, 190, 162)  
}
```

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(118, 190, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 190, 162) }
```

## Border

The CSS property to change the border of an element to RGB 118, 190, 162 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(118, 190, 162) }
```

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

```
.border{ border-color:rgb(118, 190, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 190, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 190, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 190, 162);  
box-shadow:4px 4px 4px 4px rgb(118, 190,  
162) }
```

# Background

The CSS property to change the background color of an element to RGB 118, 190, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 190, 162) }
```

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

```
.background{ background-color: rgb(118,  
190, 162) }
```

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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