

Converting Colors

RGB(115, 190, 158)

Have a look what the booklet for
RGB(115, 190, 158) contains.

RGB(115, 190, 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(115, 190, 158)

Conversions

Conversions Part 1

Format	Color
Hex	73BE9E
RGB	115, 190, 158
RGB Percent	45%, 75%, 62%
CMY	0.5490, 0.2549, 0.3804
CMYK	0.39, 0.00, 0.17, 0.25
HSL	154°, 37%, 60%
HSV	154°, 39%, 75%
XYZ	31.6552, 42.9404, 38.9677
YIQ	163.9270, -34.4280, -25.8520

Conversions

Conversions Part 2

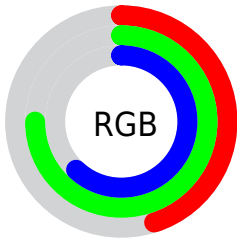
Format	Color
RYB	115, 163, 190
Decimal	7585438
CIELab	71.51, -30.64, 8.89
CIELCh	72, 31.900, 163.817
Yxy	42.9404, 0.2787, 0.3781
Android (android.graphics.Color)	4285775518 (0xFF73BE9E)
YUV	163.9270, -2.9220, -42.9090
Hunter-Lab	65.5289, -28.4471, 10.6126

Details

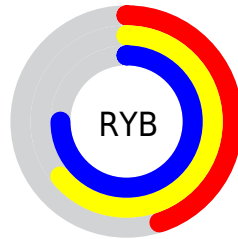
The RGB color **115, 190, 158** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190, 115, 147**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **170, 247, 213**, and **62, 136, 107** is the 20% darker color. If you saturate the color by 10%, you get **96, 190, 150**, and if you desaturate by 10%, it is **134, 190, 166**.

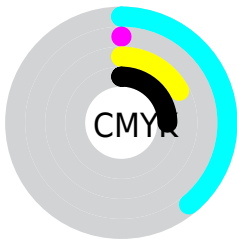
Distribution



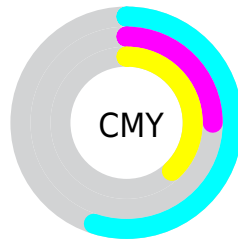
- Red (45%)
- Green (75%)
- Blue (62%)



- Red (45%)
- Yellow (64%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)



- Cyan (55%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 190, 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 115, 190, 158 by changing the saturation by 10% instead.

 115, 190, 158


255, 255, 255


 170, 247, 213

 198, 255, 241

 227, 255, 255

 115, 190, 158

 88, 163, 132


 62, 136, 107

 33, 110, 82

 0, 86, 59

 0, 62, 38


 0, 40, 17

 0, 10, 0


 0, 0, 0


 115, 190, 158


 115, 190, 158


 96, 190, 150


 134, 190, 166


 77, 190, 142


 153, 190, 174


 58, 190, 134

 172, 190, 182

 39, 190, 126

 191, 190, 190

 20, 190, 117

 210, 190, 199


 1, 190, 109

 229, 190, 207

 0, 190, 109

 248, 190, 215

 255, 190, 223

 255, 190, 231

Harmonies

Analogous

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



149, 185, 132



115, 190, 158



86, 191, 188

Triad

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



115, 190, 158



157, 173, 231



228, 159, 136

Complementary

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



115, 190, 158



190, 115, 147

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.



233, 154, 163



115, 190, 158



196, 163, 217

Square

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



115, 190, 158



113, 183, 230



223, 155, 192



209, 168, 120

Rectangle

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



115, 190, 158



79, 190, 207



223, 155, 192



231, 156, 144

Sweetspot

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



115, 190, 158



218, 247, 235



147, 190, 115



107, 125, 117



252, 252, 252



125, 125, 125

Same Dimension

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



115, 190, 158



131, 247, 198



115, 185, 190



85, 94, 90



0, 158, 91



0, 31, 18

Inverse Universe

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



190, 115, 147



247, 131, 181



190, 120, 115



94, 85, 89



158, 0, 67



31, 0, 13

Previews

White Background



This preview shows how the RGB color 115, 190, 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 115, 190, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

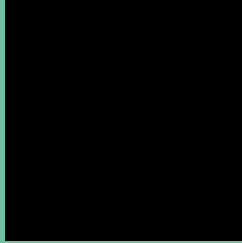
Any Text WCAG AA ✓ Pass

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 115, 190, 158 Background



This preview shows how black text looks on a background with the RGB color 115, 190, 158.

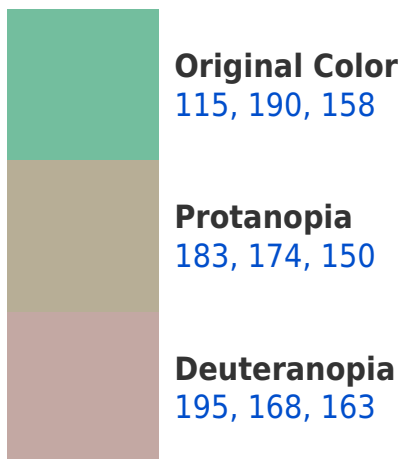


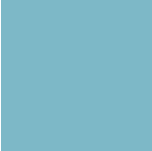
This preview shows how white text looks on a background with the RGB color 115, 190, 158.

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
125, 184, 199

Trichromacy



Original Color

115, 190, 158



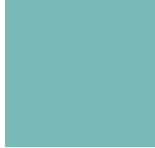
Protanomaly

158, 180, 153



Deuteranomaly

166, 176, 161



Tritanomaly

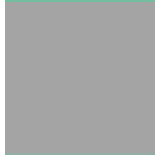
121, 186, 184

Monochromacy



Original Color

115, 190, 158



Achromatopsia

164, 164, 164



Achromatomaly

146, 173, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 190, 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(115, 190, 158)` looks like.

```
.text, #text, p{  
    color:rgb(115, 190, 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(115, 190, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 190, 158) }
```

Border

The CSS property to change the border of an element to RGB 115, 190, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

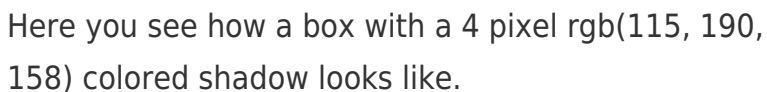
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 190, 158) }
```

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

```
.border{ border-color:rgb(115, 190, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 190, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 190, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 190, 158);  
box-shadow:4px 4px 4px 4px rgb(115, 190,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 115, 190, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 190, 158) }
```

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

```
.background{ background-color: rgb(115,  
190, 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](#).

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