

Converting Colors

RGB(118, 180, 152)

Have a look what the booklet for
RGB(118, 180, 152) contains.

RGB(118, 180, 152)	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(118, 180, 152)

Conversions

Conversions Part 1

Format	Color
Hex	76B498
RGB	118, 180, 152
RGB Percent	46%, 71%, 60%
CMY	0.5373, 0.2941, 0.4039
CMYK	0.34, 0.00, 0.16, 0.29
HSL	153°, 29%, 58%
HSV	153°, 34%, 71%
XYZ	29.4600, 38.7611, 35.6347
YIQ	158.2700, -27.9640, -21.8520

Conversions

Conversions Part 2

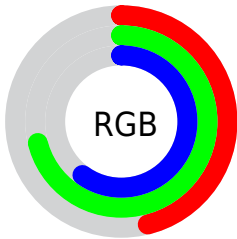
Format	Color
RYB	118, 158, 180
Decimal	7779480
CIELab	68.58, -26.18, 8.00
CIElCh	69, 27.376, 163.016
Yxy	38.7611, 0.2837, 0.3732
Android (android.graphics.Color)	4285969560 (0xFF76B498)
YUV	158.2700, -3.0911, -35.3168
Hunter-Lab	62.2584, -24.4880, 9.6452

Details

The RGB color **118, 180, 152** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **180, 118, 146**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **172, 236, 206**, and **66, 127, 101** is the 20% darker color. If you saturate the color by 10%, you get **100, 180, 144**, and if you desaturate by 10%, it is **136, 180, 160**.

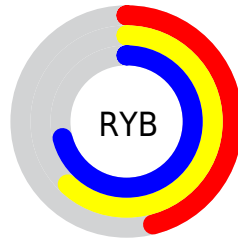
Distribution



Red (46%)

Green (71%)

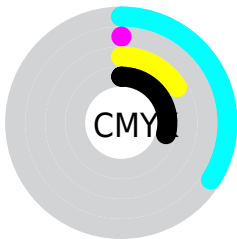
Blue (60%)



Red (46%)

Yellow (62%)

Blue (71%)

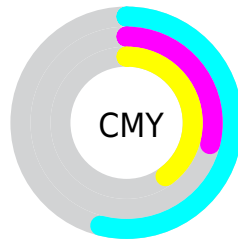


Cyan (34%)

Magenta (0%)

Yellow (16%)

Black (29%)



Cyan (54%)

Magenta (29%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 180, 152 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, 180, 152 by changing the saturation by 10% instead.


 118, 180, 152


255, 255, 255


 172, 236, 206


 200, 255, 234


 229, 255, 255

 118, 180, 152

 92, 153, 126

 66, 127, 101

 41, 102, 77

 11, 77, 54

 0, 54, 33


 0, 33, 11


 0, 0, 0

 118, 180, 152


 100, 180, 144


 118, 180, 152


 136, 180, 160


 82, 180, 136


 154, 180, 168

 64, 180, 128


 172, 180, 176

 46, 180, 119


 190, 180, 185

 28, 180, 111

 208, 180, 193

 10, 180, 103

 226, 180, 201

 0, 180, 99

 244, 180, 209

 255, 180, 217

 255, 180, 225

Harmonies

Analogous

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



146, 176, 130



118, 180, 152



96, 181, 177

Triad

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



118, 180, 152



151, 166, 215



213, 153, 135

Complementary

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



118, 180, 152



180, 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.



217, 149, 157



118, 180, 152



184, 157, 204

Square

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



118, 180, 152



116, 174, 214



207, 151, 182



198, 161, 120

Rectangle

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



118, 180, 152



91, 180, 193



207, 151, 182



216, 151, 141

Sweetspot

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



118, 180, 152



211, 235, 224



147, 180, 118



103, 117, 111



245, 245, 245



117, 117, 117

Same Dimension

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



118, 180, 152



138, 235, 191



118, 178, 180



80, 89, 85



0, 153, 84



0, 26, 14

Inverse Universe

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



180, 118, 146



235, 138, 182



180, 120, 118



89, 80, 84



153, 0, 69



26, 0, 12

Previews

White Background



This preview shows how the RGB color 118, 180, 152 looks on a white background.

Color Contrast Check

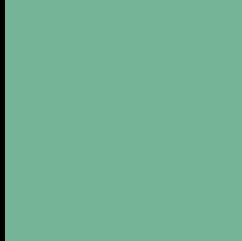
Large Text (above 18pt) WCAG AA × Fail

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, 180, 152 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, 180, 152 Background



This preview shows how black text looks on a background with the RGB color 118, 180, 152.

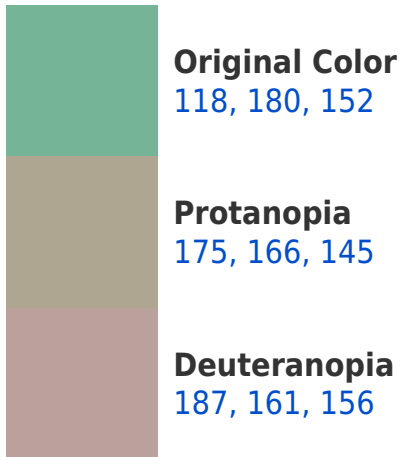


This preview shows how white text looks on a background with the RGB color 118, 180, 152.

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](#).

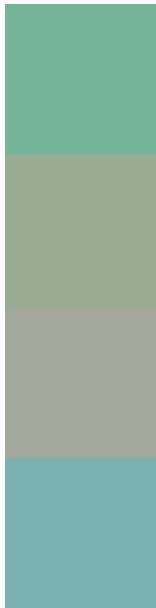
Dichromacy





Tritanopia
126, 175, 189

Trichromacy



Original Color
118, 180, 152

Protanomaly
154, 171, 148

Deuteranomaly
162, 168, 155

Tritanomaly
123, 177, 176

Monochromacy



Original Color
118, 180, 152

Achromatopsia
158, 158, 158

Achromatomaly
143, 166, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 180, 152 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, 180, 152)` looks like.

```
.text, #text, p{  
    color:rgb(118, 180, 152)  
}
```

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, 180, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 180, 152) }
```

Border

The CSS property to change the border of an element to RGB 118, 180, 152 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, 180, 152) }
```

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

```
.border{ border-color:rgb(118, 180, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 180, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 180, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 180, 152);  
box-shadow:4px 4px 4px 4px rgb(118, 180,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 118, 180, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 180, 152) }
```

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

```
.background{ background-color: rgb(118,  
180, 152) }
```

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