

Converting Colors

RGB(116, 185, 138)

Have a look what the booklet for
RGB(116, 185, 138) contains.

RGB(116, 185, 138)	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(116, 185, 138)

Conversions

Conversions Part 1

Format	Color
Hex	74B98A
RGB	116, 185, 138
RGB Percent	45%, 73%, 54%
CMY	0.5451, 0.2745, 0.4588
CMYK	0.37, 0.00, 0.25, 0.27
HSL	139°, 33%, 59%
HSV	139°, 37%, 73%
XYZ	29.1389, 40.2459, 30.2772
YIQ	159.0110, -26.0370, -29.2450

Conversions

Conversions Part 2

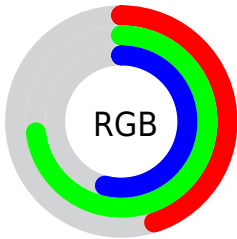
Format	Color
RYB	116, 168, 185
Decimal	7649674
CIELab	69.64, -32.01, 17.12
CIELCh	70, 36.304, 151.861
Yxy	40.2459, 0.2924, 0.4038
Android (android.graphics.Color)	4285839754 (0xFF74B98A)
YUV	159.0110, -10.3584, -37.7206
Hunter-Lab	63.4397, -29.0315, 16.1110

Details

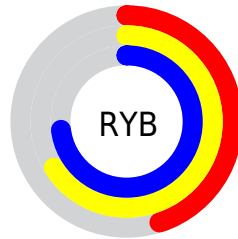
The RGB color **116, 185, 138** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 116, 163**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **170, 241, 192**, and **64, 131, 88** is the 20% darker color. If you saturate the color by 10%, you get **98, 185, 125**, and if you desaturate by 10%, it is **135, 185, 151**.

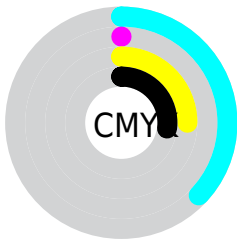
Distribution



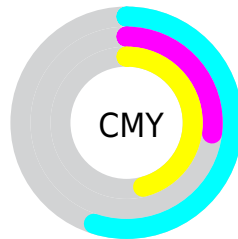
- Red (45%)
- Green (73%)
- Blue (54%)



- Red (45%)
- Yellow (66%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (25%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 185, 138 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 116, 185, 138 by changing the saturation by 10% instead.

 116, 185, 138


255, 255, 255


 170, 241, 192

 198, 255, 219

 227, 255, 248

 116, 185, 138

 90, 158, 112

 64, 131, 88

 37, 106, 64


 2, 81, 42

 0, 58, 21

 0, 36, 0


 0, 0, 0

 116, 185, 138


 98, 185, 125


 116, 185, 138

 135, 185, 151


 79, 185, 113

 153, 185, 163

 61, 185, 100


 172, 185, 176

 42, 185, 88


 190, 185, 188

 24, 185, 75

 209, 185, 201

 5, 185, 62

 227, 185, 214

 0, 185, 59

 245, 185, 226

 255, 185, 239

 255, 185, 251

Harmonies

Analogous

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



155, 179, 113



116, 185, 138



73, 188, 171

Triad

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



116, 185, 138



127, 173, 236



233, 148, 137

Complementary

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



116, 185, 138



185, 116, 163

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.



232, 145, 169



116, 185, 138



177, 161, 226

Square

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



116, 185, 138



71, 182, 227



213, 150, 202



217, 157, 113

Rectangle

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



116, 185, 138



46, 188, 193



213, 150, 202



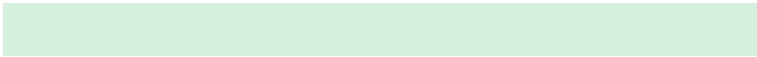
235, 146, 147

Sweetspot

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



116, 185, 138



213, 240, 222



163, 185, 116



104, 120, 109



247, 247, 247



120, 120, 120

Same Dimension

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



116, 185, 138



132, 240, 166



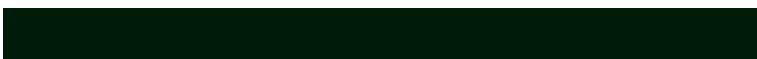
116, 185, 172



83, 92, 86



0, 156, 50



0, 28, 9

Inverse Universe

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



185, 116, 163



240, 132, 205



185, 116, 129



92, 83, 89



156, 0, 106



28, 0, 19

Previews

White Background



This preview shows how the RGB color 116, 185, 138 looks on a white background.

Color Contrast Check

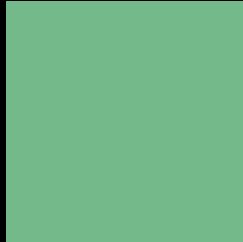
Large Text (above 18pt) WCAG AA × Fail

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 116, 185, 138 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 116, 185, 138 Background



This preview shows how black text looks on a background with the RGB color 116, 185, 138.

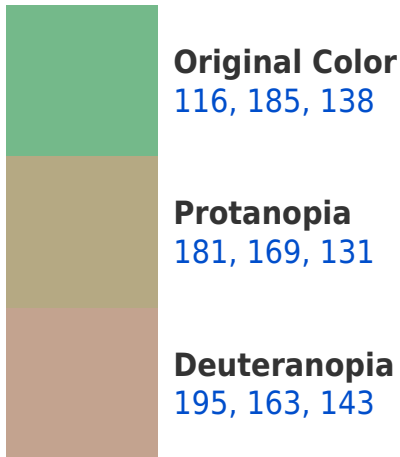


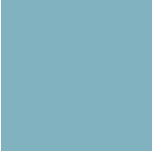
This preview shows how white text looks on a background with the RGB color 116, 185, 138.

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
128, 178, 192

Trichromacy



Original Color

116, 185, 138



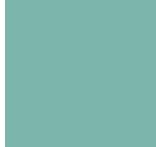
Protanomaly

157, 175, 134



Deuteranomaly

166, 171, 141



Tritanomaly

124, 181, 172

Monochromacy



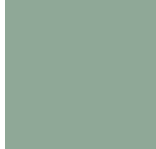
Original Color

116, 185, 138



Achromatopsia

159, 159, 159



Achromatomaly

143, 168, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 185, 138 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(116, 185, 138)` looks like.

```
.text, #text, p{  
    color:rgb(116, 185, 138)  
}
```

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(116, 185, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 185, 138) }
```

Border

The CSS property to change the border of an element to RGB 116, 185, 138 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(116, 185, 138) }
```

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

```
.border{ border-color:rgb(116, 185, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 185, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 185, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 185, 138);  
box-shadow:4px 4px 4px 4px rgb(116, 185,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 116, 185, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 185, 138) }
```

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

```
.background{ background-color: rgb(116,  
185, 138) }
```

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