

# Converting Colors

RGB(118, 184, 131)

Have a look what the booklet for  
RGB(118, 184, 131) contains.

<b>RGB(118, 184, 131)</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(118, 184, 131)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B883
RGB	118, 184, 131
RGB Percent	46%, 72%, 51%
CMY	0.5373, 0.2784, 0.4863
CMYK	0.36, 0.00, 0.29, 0.28
HSL	132°, 32%, 59%
HSV	132°, 36%, 72%
XYZ	28.7084, 39.7712, 27.6362
YIQ	158.2240, -22.3230, -30.4750

# Conversions

## Conversions Part 2

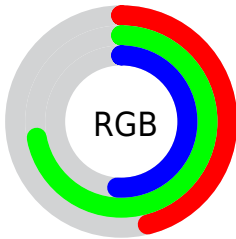
Format	Color
<a href="#">RYB</a>	<a href="#">118, 173, 184</a>
Decimal	<a href="#">7780483</a>
CIELab	<a href="#">69.31, -32.22, 20.45</a>
CIELCh	<a href="#">69, 38.165, 147.600</a>
Yxy	<a href="#">39.7712, 0.2987, 0.4138</a>
Android (android.graphics.Color)	<a href="#">4285970563 (0xFF76B883)</a>
YUV	<a href="#">158.2240, -13.4214, -35.2764</a>
Hunter-Lab	<a href="#">63.0644, -29.1053, 18.1629</a>

# Details

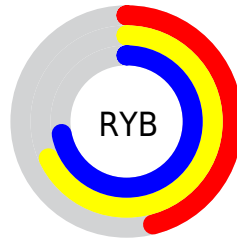
The RGB color **118, 184, 131** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **184, 118, 171**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **172, 240, 184**, and **66, 130, 81** is the 20% darker color. If you saturate the color by 10%, you get **100, 184, 116**, and if you desaturate by 10%, it is **136, 184, 146**.

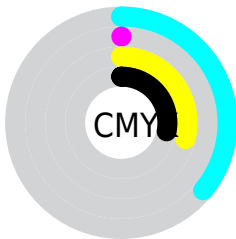
# Distribution



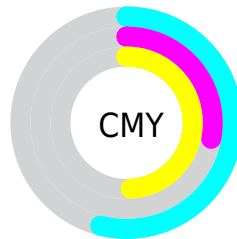
- Red (46%)
- Green (72%)
- Blue (51%)



- Red (46%)
- Yellow (68%)
- Blue (72%)



- Cyan (36%)
- Magenta (0%)
- Yellow (29%)
- Black (28%)



- Cyan (54%)
- Magenta (28%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 118, 184, 131 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, 184, 131 by changing the saturation by 10% instead.



 118, 184, 131


255, 255, 255

 172, 240, 184

 200, 255, 212

 229, 255, 240

 118, 184, 131

 92, 157, 106

 66, 130, 81

 40, 105, 58

 7, 80, 36

 0, 57, 14

 0, 36, 0


 0, 0, 0

 118, 184, 131


 100, 184, 116


 118, 184, 131


 136, 184, 146


 81, 184, 101

 155, 184, 161


 63, 184, 87


 173, 184, 175


 44, 184, 72


 192, 184, 190

 26, 184, 57

 210, 184, 205

 8, 184, 42

 228, 184, 220

 0, 184, 36

 247, 184, 234

 255, 184, 249

 255, 184, 255

# Harmonies

## Analogous

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



159, 177, 107



118, 184, 131



70, 187, 165

# Triad

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



118, 184, 131



113, 173, 238



236, 145, 139

# Complementary

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



118, 184, 131



184, 118, 171

# 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, 142, 173



118, 184, 131



169, 161, 230

# Square

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



118, 184, 131



48, 182, 227



210, 149, 207



222, 154, 112

# Rectangle

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



118, 184, 131



31, 188, 189



210, 149, 207



237, 143, 150

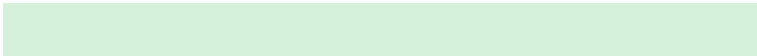


# Sweetspot

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



118, 184, 131



213, 240, 219



172, 184, 118



104, 120, 107



247, 247, 247



120, 120, 120



# Same Dimension

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



118, 184, 131



137, 240, 157



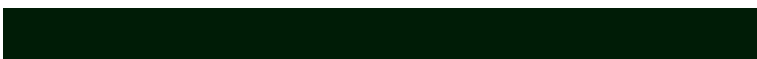
118, 184, 163



83, 92, 84



0, 156, 31



0, 28, 6



# Inverse Universe

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



184, 118, 171



240, 137, 219



184, 118, 139



92, 83, 90



156, 0, 125



28, 0, 23



# Previews

## White Background



This preview shows how the RGB color 118, 184, 131 looks on a white background.

## Color Contrast Check

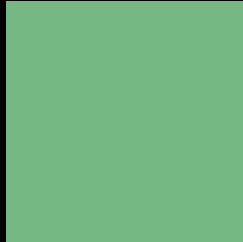
Large Text (above 18pt) WCAG AA × Fail

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, 184, 131 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

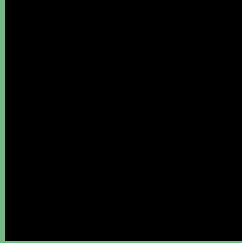
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 118, 184, 131 Background



This preview shows how black text looks on a background with the RGB color 118, 184, 131.

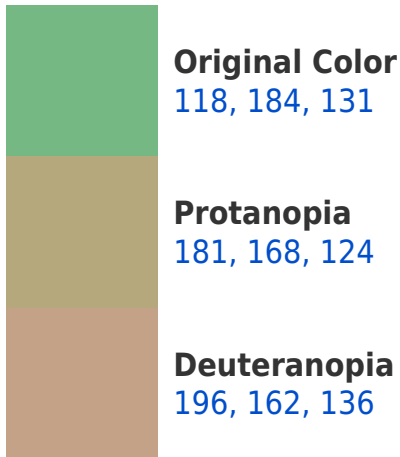


This preview shows how white text looks on a background with the RGB color 118, 184, 131.

# 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**  
130, 176, 190

# Trichromacy



**Original Color**  
118, 184, 131

**Protanomaly**  
158, 174, 127

**Deuteranomaly**  
168, 170, 134

**Tritanomaly**  
126, 179, 169

# Monochromacy



**Original Color**  
118, 184, 131

**Achromatopsia**  
158, 158, 158

**Achromatomaly**  
143, 167, 148

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 118, 184, 131 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, 184, 131)` looks like.

```
.text, #text, p{  
    color:rgb(118, 184, 131)  
}
```

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, 184, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 184, 131) }
```

## Border

The CSS property to change the border of an element to RGB 118, 184, 131 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, 184, 131) }
```

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

```
.border{ border-color:rgb(118, 184, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 184, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 184, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 184, 131);  
box-shadow:4px 4px 4px 4px rgb(118, 184,  
131) }
```

# Background

The CSS property to change the background color of an element to RGB 118, 184, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 184, 131) }
```

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

```
.background{ background-color: rgb(118,  
184, 131) }
```

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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