

Converting Colors

RGB(118, 189, 118)

Have a look what the booklet for
RGB(118, 189, 118) contains.

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Color

RGB(118, 189, 118)

Conversions

Conversions Part 1

Format	Color
Hex	76BD76
RGB	118, 189, 118
RGB Percent	46%, 74%, 46%
CMY	0.5373, 0.2588, 0.5373
CMYK	0.38, 0.00, 0.38, 0.26
HSL	120°, 35%, 60%
HSV	120°, 38%, 74%
XYZ	28.9388, 41.5547, 23.6352
YIQ	159.6770, -19.5250, -37.1330

Conversions

Conversions Part 2

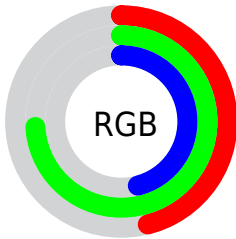
Format	Color
RYB	118, 189, 189
Decimal	7781750
CIELab	70.56, -36.75, 29.05
CIELCh	71, 46.841, 141.672
Yxy	41.5547, 0.3074, 0.4415
Android (android.graphics.Color)	4285971830 (0xFF76BD76)
YUV	159.6770, -20.5468, -36.5507
Hunter-Lab	64.4630, -32.6777, 23.3856

Details

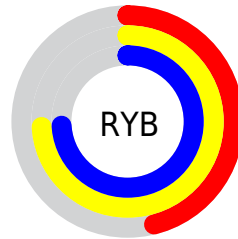
The RGB color **118, 189, 118** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **189, 118, 189**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **173, 246, 171**, and **65, 135, 69** is the 20% darker color. If you saturate the color by 10%, you get **99, 189, 99**, and if you desaturate by 10%, it is **137, 189, 137**.

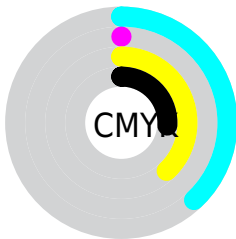
Distribution



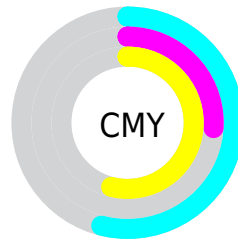
- Red (46%)
- Green (74%)
- Blue (46%)



- Red (46%)
- Yellow (74%)
- Blue (74%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (26%)



- Cyan (54%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 189, 118 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, 189, 118 by changing the saturation by 10% instead.

 118, 189, 118

255, 255, 255

 173, 246, 171

 201, 255, 198

 230, 255, 227

 118, 189, 118

 91, 162, 93

 65, 135, 69

 37, 109, 45

 0, 84, 22

 0, 60, 0

 0, 39, 0


 0, 4, 0


 0, 0, 0

 118, 189, 118


 118, 189, 118

 99, 189, 99

 137, 189, 137

 80, 189, 80

 156, 189, 156

 61, 189, 61

 175, 189, 175


 42, 189, 42


 194, 189, 194


 23, 189, 23

 213, 189, 213

 5, 189, 5

 231, 189, 231

 0, 189, 0

 250, 189, 250

 255, 189, 255

Harmonies

Analogous

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



168, 180, 91



118, 189, 118



44, 194, 159

Triad

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



118, 189, 118



72, 181, 255



254, 139, 143

Complementary

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



118, 189, 118



189, 118, 189

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.



246, 139, 186



118, 189, 118



158, 166, 252

Square

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



118, 189, 118



0, 190, 238



214, 150, 226



240, 151, 107

Rectangle

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



118, 189, 118



0, 195, 188



214, 150, 226



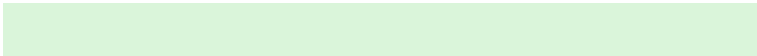
254, 138, 157

Sweetspot

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



118, 189, 118



218, 245, 218



189, 189, 118



106, 122, 106



250, 250, 250



122, 122, 122

Same Dimension

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



118, 189, 118



135, 245, 135



118, 189, 154



85, 94, 85



0, 158, 0



0, 31, 0

Inverse Universe

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



189, 118, 189



245, 135, 245



189, 118, 154



94, 85, 94



158, 0, 158



31, 0, 31

Previews

White Background



This preview shows how the RGB color 118, 189, 118 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, 189, 118 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, 189, 118 Background



This preview shows how black text looks on a background with the RGB color 118, 189, 118.

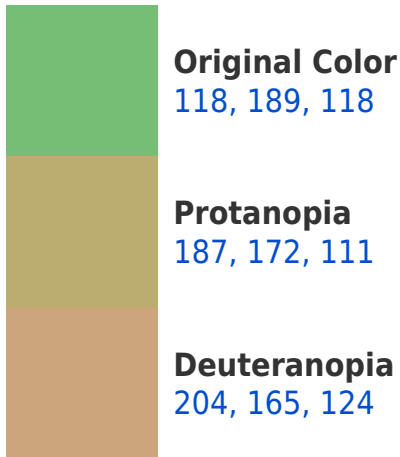


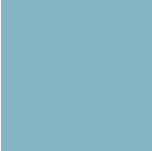
This preview shows how white text looks on a background with the RGB color 118, 189, 118.

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
133, 180, 194

Trichromacy



Original Color

118, 189, 118



Protanomaly

162, 178, 114



Deuteranomaly

173, 174, 122



Tritanomaly

128, 183, 166

Monochromacy



Original Color

118, 189, 118



Achromatopsia

160, 160, 160



Achromatomaly

145, 171, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 189, 118 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, 189, 118)` looks like.

```
.text, #text, p{  
    color:rgb(118, 189, 118)  
}
```

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, 189, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 189, 118) }
```

Border

The CSS property to change the border of an element to RGB 118, 189, 118 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, 189, 118) }
```

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

```
.border{ border-color:rgb(118, 189, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 189, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 189, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 189, 118);  
box-shadow:4px 4px 4px 4px rgb(118, 189,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 118, 189, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 189, 118) }
```

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

```
.background{ background-color: rgb(118,  
189, 118) }
```

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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