

Converting Colors

RGB(117, 206, 118)

Have a look what the booklet for
RGB(117, 206, 118) contains.

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Color

RGB(117, 206, 118)

Conversions

Conversions Part 1

Format	Color
Hex	75CE76
RGB	117, 206, 118
RGB Percent	46%, 81%, 46%
CMY	0.5412, 0.1922, 0.5373
CMYK	0.43, 0.00, 0.43, 0.19
HSL	121°, 48%, 63%
HSV	121°, 43%, 81%
XYZ	32.6774, 49.2325, 24.9201
YIQ	169.3570, -24.7960, -46.2360

Conversions

Conversions Part 2

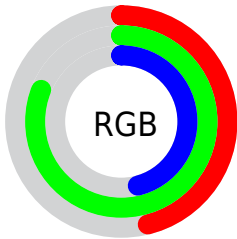
Format	Color
RYB	117, 205, 206
Decimal	7720566
CIELab	75.60, -44.54, 35.59
CIELCh	76, 57.008, 141.374
Yxy	49.2325, 0.3059, 0.4608
Android (android.graphics.Color)	4285910646 (0xFF75CE76)
YUV	169.3570, -25.3190, -45.9171
Hunter-Lab	70.1659, -39.6599, 28.0587

Details

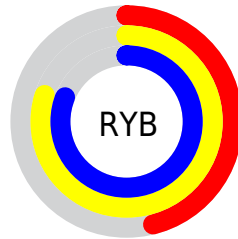
The RGB color **117, 206, 118** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **206, 117, 205**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **173, 255, 171**, and **61, 151, 68** is the 20% darker color. If you saturate the color by 10%, you get **96, 206, 98**, and if you desaturate by 10%, it is **138, 206, 138**.

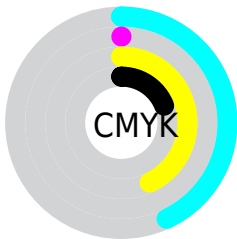
Distribution



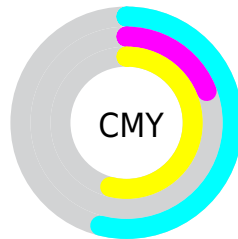
- Red (46%)
- Green (81%)
- Blue (46%)



- Red (46%)
- Yellow (80%)
- Blue (81%)



- Cyan (43%)
- Magenta (0%)
- Yellow (43%)
- Black (19%)



- Cyan (54%)
- Magenta (19%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 206, 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 117, 206, 118 by changing the saturation by 10% instead.

 117, 206, 118

255, 255, 255


 173, 255, 171

 202, 255, 199

 231, 255, 227

 117, 206, 118

 89, 178, 93

 61, 151, 68

 28, 125, 44

 0, 99, 19

 0, 74, 0

 0, 51, 0

 0, 28, 0

 0, 0, 0

 117, 206, 118

 117, 206, 118

■ 96, 206, 98

■ 138, 206, 138

■ 76, 206, 77

■ 158, 206, 159

■ 55, 206, 57

■ 179, 206, 179

■ 35, 206, 37

■ 199, 206, 199

■ 14, 206, 16

■ 220, 206, 220

■ 0, 206, 2

■ 241, 206, 240

■ 255, 206, 255

Harmonies

Analogous

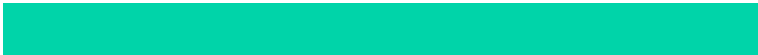
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180, 195, 83



117, 206, 118



0, 212, 169

Triad

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



117, 206, 118



0, 196, 255



255, 143, 151

Complementary

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



117, 206, 118



206, 117, 205

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.



255, 143, 204



117, 206, 118



165, 178, 255

Square

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



117, 206, 118



0, 208, 255



236, 158, 253



255, 159, 106

Rectangle

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



117, 206, 118



0, 213, 205



236, 158, 253



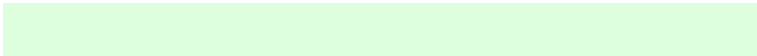
255, 141, 168

Sweetspot

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



117, 206, 118



222, 255, 222



206, 206, 117



107, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



117, 206, 118



122, 255, 124



117, 206, 162



92, 102, 92



0, 166, 2



0, 38, 0

Inverse Universe

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



206, 117, 205



255, 122, 254



206, 117, 162



102, 92, 102



166, 0, 164



38, 0, 38

Previews

White Background



This preview shows how the RGB color 117, 206, 118 looks on a white background.

Color Contrast Check

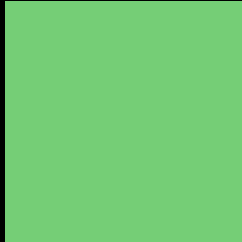
Large Text (above 18pt) WCAG AA × Fail

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 117, 206, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

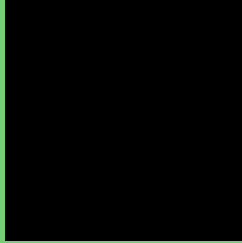
Any Text WCAG AA ✓ Pass

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 117, 206, 118 Background



This preview shows how black text looks on a background with the RGB color 117, 206, 118.

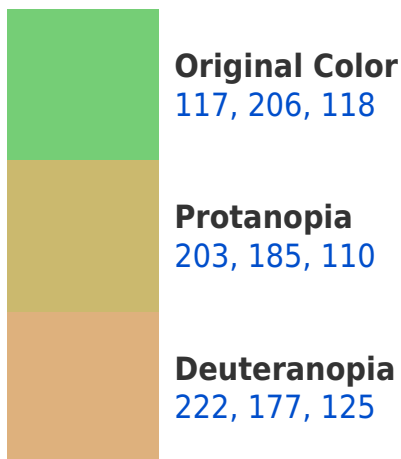


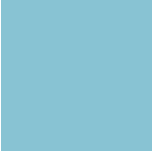
This preview shows how white text looks on a background with the RGB color 117, 206, 118.

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
136, 195, 211

Trichromacy



Original Color

117, 206, 118



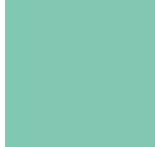
Protanomaly

172, 193, 113



Deuteranomaly

184, 188, 122



Tritanomaly

129, 199, 177

Monochromacy



Original Color

117, 206, 118



Achromatopsia

169, 169, 169



Achromatomaly

150, 182, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 206, 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(117, 206, 118)` looks like.

```
.text, #text, p{  
    color:rgb(117, 206, 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(117, 206, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 206, 118) }
```

Border

The CSS property to change the border of an element to RGB 117, 206, 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(117, 206, 118) }
```

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

```
.border{ border-color:rgb(117, 206, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 206, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 206, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 206, 118);  
box-shadow:4px 4px 4px 4px rgb(117, 206,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 117, 206, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 206, 118) }
```

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

```
.background{ background-color: rgb(117,  
206, 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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