

Converting Colors

RGB(119, 205, 119)

Have a look what the booklet for
RGB(119, 205, 119) contains.

RGB(119, 205, 119)	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(119, 205, 119)

Conversions

Conversions Part 1

Format	Color
Hex	77CD77
RGB	119, 205, 119
RGB Percent	47%, 80%, 47%
CMY	0.5333, 0.1961, 0.5333
CMYK	0.42, 0.00, 0.42, 0.20
HSL	120°, 46%, 64%
HSV	120°, 42%, 80%
XYZ	32.7688, 48.9165, 25.1675
YIQ	169.4820, -23.6500, -44.9780

Conversions

Conversions Part 2

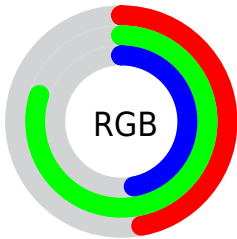
Format	Color
RYB	119, 205, 205
Decimal	7851383
CIELab	75.40, -43.36, 34.84
CIElCh	75, 55.628, 141.217
Yxy	48.9165, 0.3067, 0.4578
Android (android.graphics.Color)	4286041463 (0xFF77CD77)
YUV	169.4820, -24.8876, -44.2727
Hunter-Lab	69.9403, -38.7637, 27.6232

Details

The RGB color **119, 205, 119** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **205, 119, 205**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **175, 255, 172**, and **63, 150, 69** is the 20% darker color. If you saturate the color by 10%, you get **99, 205, 99**, and if you desaturate by 10%, it is **139, 205, 139**.

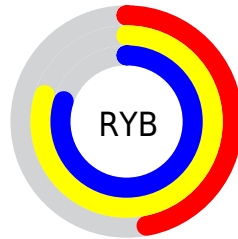
Distribution



Red (47%)

Green (80%)

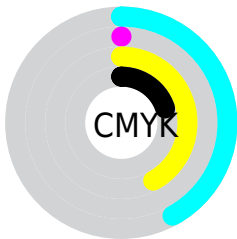
Blue (47%)



Red (47%)

Yellow (80%)

Blue (80%)

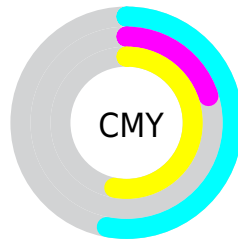


Cyan (42%)

Magenta (0%)

Yellow (42%)

Black (20%)



Cyan (53%)

Magenta (20%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 205, 119 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 119, 205, 119 by changing the saturation by 10% instead.

 119, 205, 119


255, 255, 255


 175, 255, 172

 204, 255, 200

 233, 255, 228


 119, 205, 119

 91, 177, 94

 63, 150, 69

 32, 124, 45

 0, 98, 20

 0, 73, 0

 0, 50, 0

 0, 27, 0

 0, 0, 0

 119, 205, 119

 119, 205, 119


 99, 205, 99

 139, 205, 139

 78, 205, 78

 160, 205, 160

 58, 205, 58

 181, 205, 181

 37, 205, 37

 201, 205, 201

 16, 205, 16

 222, 205, 222

 0, 205, 0

 242, 205, 242

 255, 205, 255

Harmonies

Analogous

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



180, 194, 86



119, 205, 119



0, 211, 168

Triad

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



119, 205, 119



21, 196, 255



255, 144, 151

Complementary

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



119, 205, 119



205, 119, 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, 144, 203



119, 205, 119



165, 178, 255

Square

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



119, 205, 119



0, 207, 255



234, 158, 251



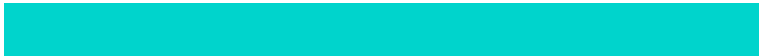
255, 159, 107

Rectangle

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



119, 205, 119



0, 212, 204



234, 158, 251



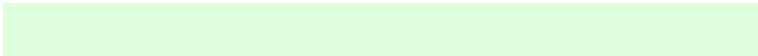
255, 142, 168

Sweetspot

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



119, 205, 119



222, 255, 222



205, 205, 119



107, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



119, 205, 119



128, 255, 128



119, 205, 162



92, 102, 92



0, 166, 0



0, 38, 0

Inverse Universe

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



205, 119, 205



255, 128, 255



205, 119, 162



102, 92, 102



166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RGB color 119, 205, 119 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 119, 205, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

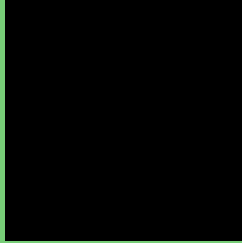
Any Text WCAG AA ✓ Pass

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 119, 205, 119 Background



This preview shows how black text looks on a background with the RGB color 119, 205, 119.

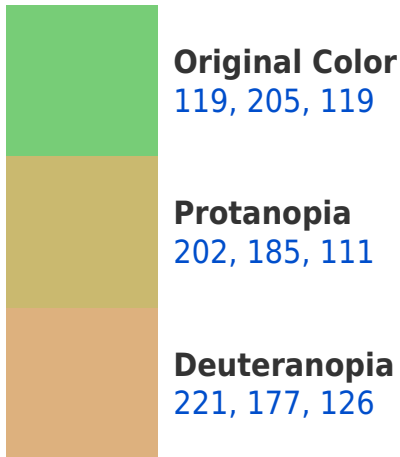


This preview shows how white text looks on a background with the RGB color 119, 205, 119.

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
137, 194, 210

Trichromacy



Original Color

119, 205, 119



Protanomaly

172, 192, 114



Deuteranomaly

184, 187, 123



Tritanomaly

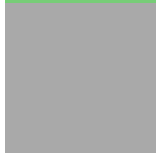
130, 198, 177

Monochromacy



Original Color

119, 205, 119



Achromatopsia

169, 169, 169



Achromatomaly

151, 182, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 205, 119 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(119, 205, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 205, 119)  
}
```

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(119, 205, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 205, 119) }
```

Border

The CSS property to change the border of an element to RGB 119, 205, 119 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(119, 205, 119) }
```

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

```
.border{ border-color:rgb(119, 205, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 205, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 205, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 205, 119);  
box-shadow:4px 4px 4px 4px rgb(119, 205,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 119, 205, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 205, 119) }
```

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

```
.background{ background-color: rgb(119,  
205, 119) }
```

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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