

Converting Colors

RGB(120, 189, 119)

Have a look what the booklet for
RGB(120, 189, 119) contains.

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Color

RGB(120, 189, 119)

Conversions

Conversions Part 1

Format	Color
Hex	78BD77
RGB	120, 189, 119
RGB Percent	47%, 74%, 47%
CMY	0.5294, 0.2588, 0.5333
CMYK	0.37, 0.00, 0.37, 0.26
HSL	119°, 35%, 60%
HSV	119°, 37%, 74%
XYZ	29.2731, 41.7202, 23.9627
YIQ	160.3890, -18.6540, -36.3980

Conversions

Conversions Part 2

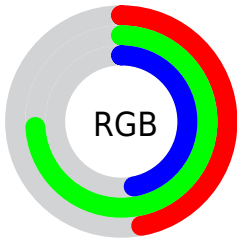
Format	Color
RYB	119, 189, 188
Decimal	7912823
CIELab	70.68, -35.95, 28.69
CIELCh	71, 45.997, 141.405
Yxy	41.7202, 0.3083, 0.4394
Android (android.graphics.Color)	4286102903 (0xFF78BD77)
YUV	160.3890, -20.4048, -35.4212
Hunter-Lab	64.5912, -32.1372, 23.2178

Details

The RGB color **120, 189, 119** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **188, 119, 189**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **175, 246, 172**, and **67, 135, 69** is the 20% darker color. If you saturate the color by 10%, you get **101, 189, 100**, and if you desaturate by 10%, it is **139, 189, 138**.

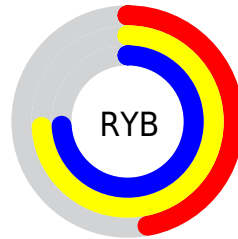
Distribution



Red (47%)

Green (74%)

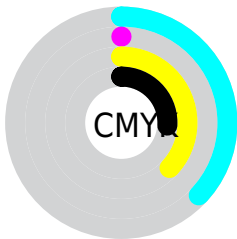
Blue (47%)



Red (47%)

Yellow (74%)

Blue (74%)

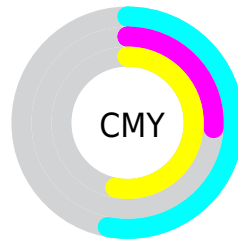


Cyan (37%)

Magenta (0%)

Yellow (37%)

Black (26%)



Cyan (53%)


Magenta (26%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 189, 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 120, 189, 119 by changing the saturation by 10% instead.


 120, 189, 119

255, 255, 255

 175, 246, 172


 203, 255, 199

 232, 255, 228

 120, 189, 119

 93, 162, 94

 67, 135, 69

 40, 109, 46

 5, 85, 23


 0, 61, 0


 0, 39, 0

 0, 5, 0

 0, 0, 0

 120, 189, 119

 120, 189, 119

 101, 189, 100

 139, 189, 138

 83, 189, 81

 157, 189, 157

 64, 189, 62

 176, 189, 176


 45, 189, 43

 195, 189, 195


 27, 189, 25

 213, 189, 214

 8, 189, 6

 232, 189, 232

 3, 189, 0

 250, 189, 251

 255, 189, 255

Harmonies

Analogous

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



169, 180, 93



120, 189, 119



51, 194, 159

Triad

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



120, 189, 119



76, 181, 255



253, 140, 145

Complementary

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



120, 189, 119



188, 119, 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.



245, 140, 187



120, 189, 119



158, 167, 251

Square

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



120, 189, 119



0, 190, 237



213, 151, 226



239, 151, 109

Rectangle

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



120, 189, 119



0, 195, 188



213, 151, 226



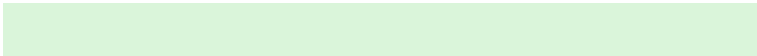
253, 139, 158

Sweetspot

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



120, 189, 119



218, 245, 218



189, 188, 119



107, 122, 106



250, 250, 250



122, 122, 122

Same Dimension

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



120, 189, 119



139, 245, 137



119, 189, 153



85, 94, 85



2, 158, 0



0, 31, 0

Inverse Universe

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



188, 119, 189



243, 137, 245



189, 119, 155



94, 85, 94



156, 0, 158



30, 0, 31

Previews

White Background



This preview shows how the RGB color 120, 189, 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 120, 189, 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 120, 189, 119 Background



This preview shows how black text looks on a background with the RGB color 120, 189, 119.

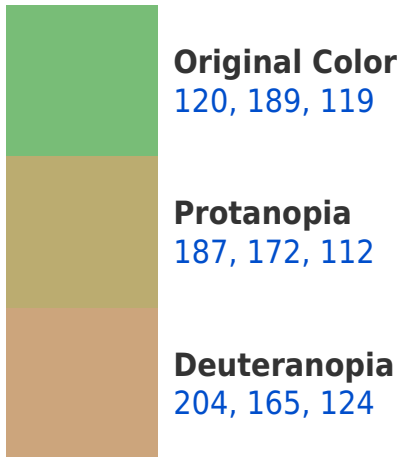


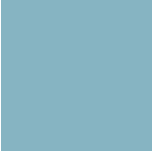
This preview shows how white text looks on a background with the RGB color 120, 189, 119.

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
134, 180, 194

Trichromacy



Original Color

120, 189, 119



Protanomaly

163, 178, 115



Deuteranomaly

173, 174, 122



Tritanomaly

129, 183, 167

Monochromacy



Original Color

120, 189, 119



Achromatopsia

160, 160, 160



Achromatomaly

145, 171, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 189, 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(120, 189, 119)` looks like.

```
.text, #text, p{  
    color:rgb(120, 189, 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(120, 189, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 189, 119) }
```

Border

The CSS property to change the border of an element to RGB 120, 189, 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(120, 189, 119) }
```

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

```
.border{ border-color:rgb(120, 189, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 189, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 189, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 189, 119);  
box-shadow:4px 4px 4px 4px rgb(120, 189,  
119) }
```

Background

The CSS property to change the background color of an element to RGB 120, 189, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 189, 119) }
```

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

```
.background{ background-color: rgb(120,  
189, 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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