

Converting Colors

RGB(120, 196, 120)

Have a look what the booklet for
RGB(120, 196, 120) contains.

RGB(120, 196, 120)	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(120, 196, 120)

Conversions

Conversions Part 1

Format	Color
Hex	78C478
RGB	120, 196, 120
RGB Percent	47%, 77%, 47%
CMY	0.5294, 0.2314, 0.5294
CMYK	0.39, 0.00, 0.39, 0.23
HSL	120°, 39%, 62%
HSV	120°, 39%, 77%
XYZ	30.8758, 44.8290, 24.7948
YIQ	164.6120, -20.9000, -39.7480

Conversions

Conversions Part 2

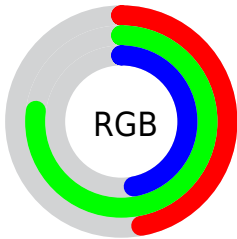
Format	Color
RYB	120, 196, 196
Decimal	7914616
CIELab	72.78, -38.96, 30.94
CIELCh	73, 49.744, 141.546
Yxy	44.8290, 0.3072, 0.4461
Android (android.graphics.Color)	4286104696 (0xFF78C478)
YUV	164.6120, -21.9937, -39.1247
Hunter-Lab	66.9545, -34.8556, 24.9116

Details

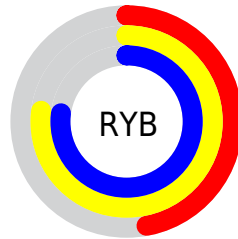
The RGB color **120, 196, 120** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **196, 120, 196**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **175, 253, 173**, and **66, 142, 70** is the 20% darker color. If you saturate the color by 10%, you get **100, 196, 100**, and if you desaturate by 10%, it is **140, 196, 140**.

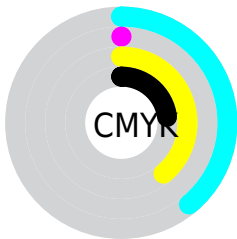
Distribution



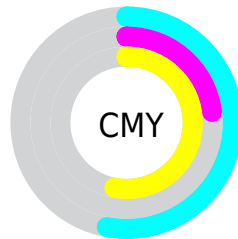
- Red (47%)
- Green (77%)
- Blue (47%)



- Red (47%)
- Yellow (77%)
- Blue (77%)



- Cyan (39%)
- Magenta (0%)
- Yellow (39%)
- Black (23%)





- Cyan (53%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the RGB color 120, 196, 120 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, 196, 120 by changing the saturation by 10% instead.

 120, 196, 120

 120, 196, 120


255, 255, 255

 93, 168, 95

 175, 253, 173

 66, 142, 70

 204, 255, 201

 38, 116, 46

 233, 255, 229

 0, 90, 23


 0, 66, 0


 0, 44, 0

 0, 17, 0


 0, 0, 0

 120, 196, 120


 120, 196, 120

 100, 196, 100

 140, 196, 140

 81, 196, 81


 159, 196, 159

 61, 196, 61

 179, 196, 179

 42, 196, 42


 198, 196, 198

 22, 196, 22

 218, 196, 218

 2, 196, 2

 238, 196, 238

 0, 196, 0

 255, 196, 255

Harmonies

Analogous

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



173, 186, 91



120, 196, 120



32, 201, 164

Triad

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



120, 196, 120



65, 187, 255



255, 143, 148

Complementary

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



120, 196, 120



196, 120, 196

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, 142, 193



120, 196, 120



162, 172, 255

Square

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



120, 196, 120



0, 197, 249



223, 154, 236



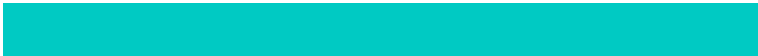
250, 155, 109

Rectangle

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



120, 196, 120



0, 202, 195



223, 154, 236



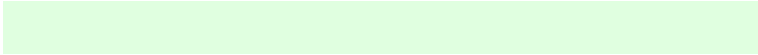
255, 141, 163

Sweetspot

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



120, 196, 120



224, 255, 224



196, 196, 120



110, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



120, 196, 120



135, 255, 135



120, 196, 158



87, 97, 87



0, 161, 0



0, 33, 0

Inverse Universe

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



196, 120, 196



255, 135, 255



196, 120, 158



97, 87, 97



161, 0, 161



33, 0, 33

Previews

White Background



This preview shows how the RGB color 120, 196, 120 looks on a white background.

Color Contrast Check

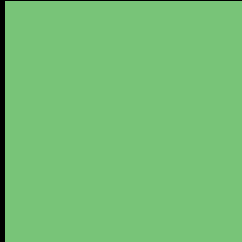
Large Text (above 18pt) WCAG AA × Fail

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, 196, 120 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, 196, 120 Background



This preview shows how black text looks on a background with the RGB color 120, 196, 120.

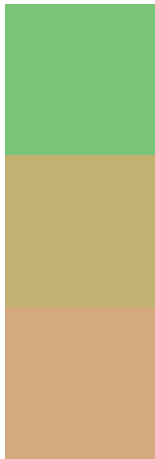


This preview shows how white text looks on a background with the RGB color 120, 196, 120.

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](#).

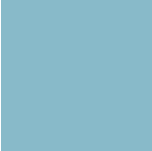
Dichromacy



Original Color
120, 196, 120

Protanopia
194, 178, 113

Deuteranopia
211, 170, 126



Tritanopia
136, 186, 201

Trichromacy



Original Color

120, 196, 120



Protanomaly

167, 185, 116



Deuteranomaly

178, 179, 124



Tritanomaly

130, 190, 172

Monochromacy



Original Color

120, 196, 120



Achromatopsia

165, 165, 165



Achromatomaly

149, 176, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 196, 120 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, 196, 120)` looks like.

```
.text, #text, p{  
    color:rgb(120, 196, 120)  
}
```

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, 196, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 196, 120) }
```

Border

The CSS property to change the border of an element to RGB 120, 196, 120 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, 196, 120) }
```

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

```
.border{ border-color:rgb(120, 196, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 196, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 196, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 196, 120); box-shadow:4px 4px 4px 4px rgb(120, 196, 120) }
```

Background

The CSS property to change the background color of an element to RGB 120, 196, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 196, 120) }
```

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

```
.background{ background-color: rgb(120,  
196, 120) }
```

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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