

Converting Colors

RGB(120, 202, 87)

Have a look what the booklet for
RGB(120, 202, 87) contains.

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Color

RGB(120, 202, 87)

Conversions

Conversions Part 1

Format	Color
Hex	78CA57
RGB	120, 202, 87
RGB Percent	47%, 79%, 34%
CMY	0.5294, 0.2078, 0.6588
CMYK	0.41, 0.00, 0.57, 0.21
HSL	103°, 52%, 57%
HSV	103°, 57%, 79%
XYZ	30.5866, 46.9222, 16.4616
YIQ	164.3720, -11.9570, -53.1490

Conversions

Conversions Part 2

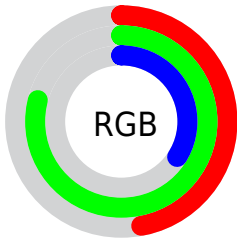
Format	Color
RYB	87, 202, 169
Decimal	7916119
CIELab	74.14, -45.90, 48.87
CIELCh	74, 67.043, 133.204
Yxy	46.9222, 0.3255, 0.4993
Android (android.graphics.Color)	4286106199 (0xFF78CA57)
YUV	164.3720, -38.1444, -38.9142
Hunter-Lab	68.4998, -40.1708, 33.7015

Details

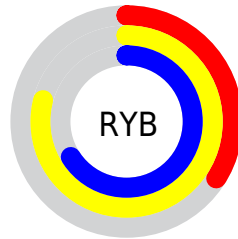
The RGB color **120, 202, 87** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **169, 87, 202**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **177, 255, 140**, and **63, 147, 34** is the 20% darker color. If you saturate the color by 10%, you get **106, 202, 67**, and if you desaturate by 10%, it is **134, 202, 107**.

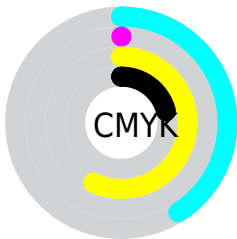
Distribution



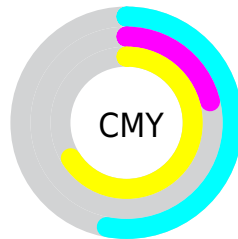
- Red (47%)
- Green (79%)
- Blue (34%)



- Red (34%)
- Yellow (79%)
- Blue (66%)



- Cyan (41%)
- Magenta (0%)
- Yellow (57%)
- Black (21%)



- Cyan (53%)
- Magenta (21%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 202, 87 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, 202, 87 by changing the saturation by 10% instead.



120, 202, 87



120, 202, 87

255, 255, 255



92, 174, 61



177, 255, 140



63, 147, 34



205, 255, 167



31, 121, 0



235, 255, 195



0, 95, 0



255, 255, 224



0, 71, 0

255, 255, 253



0, 48, 0



0, 23, 0



0, 0, 0



120, 202, 87



120, 202, 87

■ 106, 202, 67

■ 134, 202, 107

■ 91, 202, 47

■ 149, 202, 127

■ 77, 202, 26

■ 163, 202, 148

■ 62, 202, 6

■ 178, 202, 168

■ 58, 202, 0

■ 192, 202, 188

■ 206, 202, 208

■ 221, 202, 228

■ 235, 202, 249

■ 250, 202, 255

Harmonies

Analogous

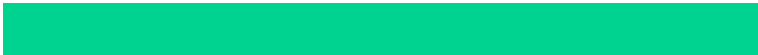
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



189, 188, 50



120, 202, 87



0, 210, 144

Triad

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



120, 202, 87



0, 199, 255



255, 126, 157

Complementary

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



120, 202, 87



169, 87, 202

Split Complementary

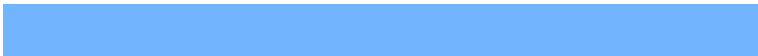
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 131, 219



120, 202, 87



115, 180, 255

Square

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



120, 202, 87



0, 209, 255



221, 154, 255



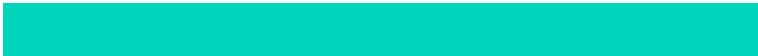
255, 142, 100

Rectangle

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



120, 202, 87



0, 212, 187



221, 154, 255



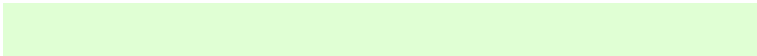
255, 125, 178

Sweetspot

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



120, 202, 87



224, 255, 212



202, 168, 87



109, 128, 102



0, 0, 0



128, 128, 128

Same Dimension

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



120, 202, 87



131, 255, 82



87, 202, 110



95, 102, 92



48, 166, 0



11, 38, 0

Inverse Universe

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



169, 87, 202



205, 82, 255



202, 87, 179



99, 92, 102



118, 0, 166



27, 0, 38

Previews

White Background



This preview shows how the RGB color 120, 202, 87 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, 202, 87 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, 202, 87 Background



This preview shows how black text looks on a background with the RGB color 120, 202, 87.

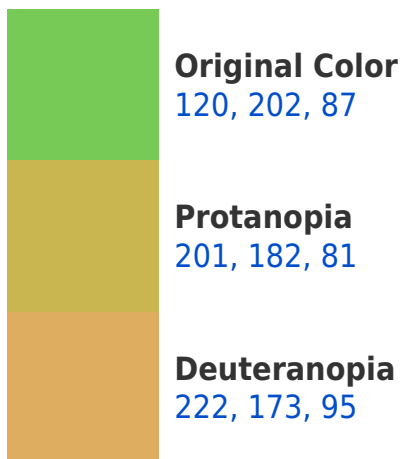


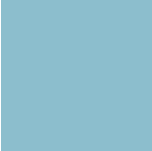
This preview shows how white text looks on a background with the RGB color 120, 202, 87.

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
140, 190, 205

Trichromacy



Original Color

120, 202, 87



Protanomaly

172, 189, 83



Deuteranomaly

185, 184, 92



Tritanomaly

133, 194, 162

Monochromacy



Original Color

120, 202, 87



Achromatopsia

164, 164, 164



Achromatomaly

148, 178, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 202, 87 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, 202, 87)` looks like.

```
.text, #text, p{  
    color:rgb(120, 202, 87)  
}
```

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, 202, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 202, 87) }
```

Border

The CSS property to change the border of an element to RGB 120, 202, 87 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, 202, 87) }
```

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

```
.border{ border-color:rgb(120, 202, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 202, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 202, 87); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 202, 87); box-shadow:4px 4px 4px 4px rgb(120, 202, 87) }
```

Background

The CSS property to change the background color of an element to RGB 120, 202, 87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 202, 87) }
```

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

```
.background{ background-color: rgb(120,  
202, 87) }
```

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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