

Converting Colors

RGB(120, 197, 129)

Have a look what the booklet for
RGB(120, 197, 129) contains.

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Color

RGB(120, 197, 129)

Conversions

Conversions Part 1

Format	Color
Hex	78C581
RGB	120, 197, 129
RGB Percent	47%, 77%, 51%
CMY	0.5294, 0.2275, 0.4941
CMYK	0.39, 0.00, 0.35, 0.23
HSL	127°, 40%, 62%
HSV	127°, 39%, 77%
XYZ	31.6744, 45.5106, 27.8839
YIQ	166.2250, -24.0640, -37.4720

Conversions

Conversions Part 2

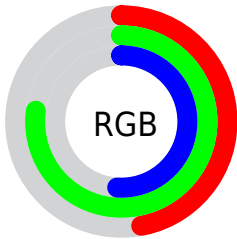
Format	Color
RYB	120, 189, 197
Decimal	7914881
CIELab	73.23, -37.95, 26.83
CIElCh	73, 46.475, 144.736
Yxy	45.5106, 0.3015, 0.4331
Android (android.graphics.Color)	4286104961 (0xFF78C581)
YUV	166.2250, -18.3519, -40.5393
Hunter-Lab	67.4615, -34.2486, 22.7167

Details

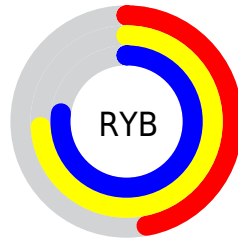
The RGB color **120, 197, 129** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **197, 120, 188**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **175, 254, 182**, and **66, 143, 79** is the 20% darker color. If you saturate the color by 10%, you get **100, 197, 112**, and if you desaturate by 10%, it is **140, 197, 146**.

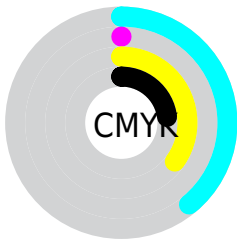
Distribution



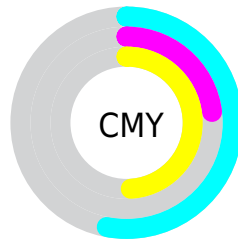
- Red (47%)
- Green (77%)
- Blue (51%)



- Red (47%)
- Yellow (74%)
- Blue (77%)



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (23%)



- Cyan (53%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 197, 129 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, 197, 129 by changing the saturation by 10% instead.

 120, 197, 129


255, 255, 255

 175, 254, 182

 203, 255, 210

 232, 255, 239

 120, 197, 129

 93, 169, 104

 66, 143, 79

 38, 117, 55

 0, 91, 32

 0, 67, 9


 0, 44, 0


 0, 19, 0


 0, 0, 0

 120, 197, 129


 120, 197, 129

 100, 197, 112


 140, 197, 146

 81, 197, 94

 159, 197, 164

 61, 197, 77


 179, 197, 181

 41, 197, 59


 199, 197, 199

 22, 197, 42

 219, 197, 216

 2, 197, 25

 238, 197, 233

 0, 197, 23

 255, 197, 251

 255, 197, 255

Harmonies

Analogous

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



171, 188, 100



120, 197, 129



46, 201, 171

Triad

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



120, 197, 129



94, 186, 255



255, 148, 146

Complementary

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



120, 197, 129



197, 120, 188

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, 146, 189



120, 197, 129



172, 172, 255

Square

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



120, 197, 129



0, 197, 248



226, 156, 230



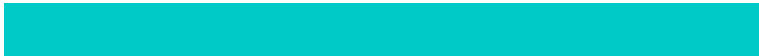
245, 160, 112

Rectangle

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



120, 197, 129



0, 202, 200



226, 156, 230



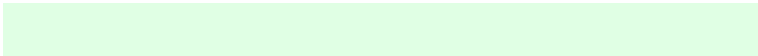
255, 146, 160

Sweetspot

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



120, 197, 129



224, 255, 228



188, 197, 120



110, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



120, 197, 129



135, 255, 149



120, 197, 167



90, 99, 91



0, 163, 19



0, 36, 4

Inverse Universe

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



197, 120, 188



255, 135, 241



197, 120, 150



99, 90, 98



163, 0, 144



36, 0, 32

Previews

White Background



This preview shows how the RGB color 120, 197, 129 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, 197, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

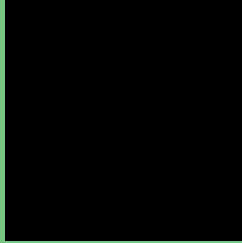
Any Text WCAG AA ✓ Pass

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, 197, 129 Background



This preview shows how black text looks on a background with the RGB color 120, 197, 129.



This preview shows how white text looks on a background with the RGB color 120, 197, 129.

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](#).

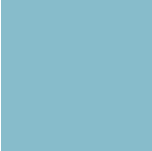
Dichromacy



Original Color
120, 197, 129

Protanopia
194, 179, 121

Deuteranopia
211, 172, 135



Tritanopia
135, 188, 203

Trichromacy



Original Color

120, 197, 129



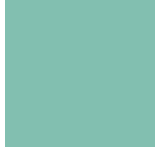
Protanomaly

167, 186, 124



Deuteranomaly

178, 181, 133



Tritanomaly

130, 191, 176

Monochromacy



Original Color

120, 197, 129



Achromatopsia

166, 166, 166



Achromatomaly

149, 177, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 197, 129 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, 197, 129)` looks like.

```
.text, #text, p{  
    color:rgb(120, 197, 129)  
}
```

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, 197, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 197, 129) }
```

Border

The CSS property to change the border of an element to RGB 120, 197, 129 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, 197, 129) }
```

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

```
.border{ border-color:rgb(120, 197, 129) }
```

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

Here you see how a box with a 4 pixel rgb(120, 197, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 197, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 197, 129);  
box-shadow:4px 4px 4px 4px rgb(120, 197,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 120, 197, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 197, 129) }
```

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

```
.background{ background-color: rgb(120,  
197, 129) }
```

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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