

Converting Colors

RGB(119, 192, 135)

Have a look what the booklet for
RGB(119, 192, 135) contains.

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Color

RGB(119, 192, 135)

Conversions

Conversions Part 1

Format	Color
Hex	77C087
RGB	119, 192, 135
RGB Percent	47%, 75%, 53%
CMY	0.5333, 0.2471, 0.4706
CMYK	0.38, 0.00, 0.30, 0.25
HSL	133°, 37%, 61%
HSV	133°, 38%, 75%
XYZ	30.8306, 43.3705, 29.6681
YIQ	163.6750, -25.2110, -33.2030

Conversions

Conversions Part 2

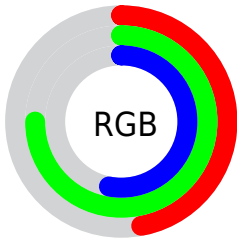
Format	Color
RYB	119, 179, 192
Decimal	7848071
CIELab	71.81, -34.93, 21.73
CIELCh	72, 41.135, 148.113
Yxy	43.3705, 0.2968, 0.4175
Android (android.graphics.Color)	4286038151 (0xFF77C087)
YUV	163.6750, -14.1368, -39.1800
Hunter-Lab	65.8563, -31.6838, 19.3894

Details

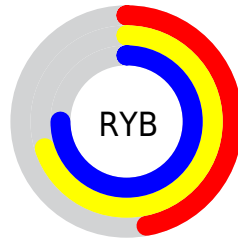
The RGB color **119, 192, 135** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **192, 119, 176**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **174, 249, 189**, and **66, 138, 85** is the 20% darker color. If you saturate the color by 10%, you get **100, 192, 120**, and if you desaturate by 10%, it is **138, 192, 150**.

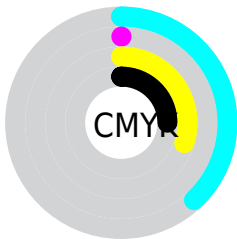
Distribution



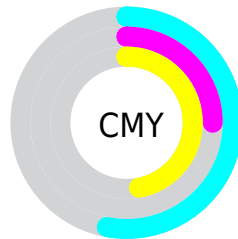
- Red (47%)
- Green (75%)
- Blue (53%)



- Red (47%)
- Yellow (70%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (30%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 192, 135 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, 192, 135 by changing the saturation by 10% instead.

 119, 192, 135


255, 255, 255

 174, 249, 189


 202, 255, 216

 231, 255, 245

 119, 192, 135

 92, 165, 109

 66, 138, 85

 39, 112, 61

 2, 87, 39

 0, 63, 17

 0, 41, 0

 0, 12, 0


 0, 0, 0

 119, 192, 135


 119, 192, 135

 100, 192, 120


 138, 192, 150

 81, 192, 105


 157, 192, 165


 61, 192, 90


 177, 192, 180

 42, 192, 75


 196, 192, 195


 23, 192, 60

 215, 192, 210

 4, 192, 45

 234, 192, 225

 0, 192, 42

 253, 192, 240

 255, 192, 255

 255, 192, 255

Harmonies

Analogous

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



164, 184, 108



119, 192, 135



63, 196, 172

Triad

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



119, 192, 135



115, 180, 251



248, 149, 143

Complementary

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



119, 192, 135



192, 119, 176

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, 146, 180



119, 192, 135



176, 167, 242

Square

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



119, 192, 135



30, 190, 239



221, 154, 216



232, 160, 113

Rectangle

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



119, 192, 135



0, 196, 198



221, 154, 216



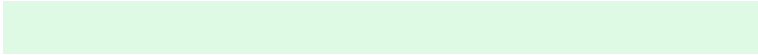
249, 147, 154

Sweetspot

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



119, 192, 135



222, 250, 228



176, 192, 119



109, 125, 112



252, 252, 252



125, 125, 125

Same Dimension

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



119, 192, 135



135, 250, 160



119, 192, 171



87, 97, 89



0, 161, 35



0, 33, 7

Inverse Universe

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



192, 119, 176



250, 135, 225



192, 119, 140



97, 87, 95



161, 0, 125



33, 0, 26

Previews

White Background



This preview shows how the RGB color 119, 192, 135 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, 192, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

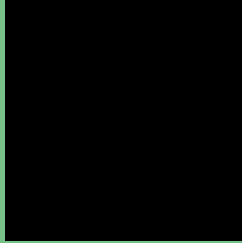
Any Text WCAG AA ✓ Pass

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, 192, 135 Background



This preview shows how black text looks on a background with the RGB color 119, 192, 135.

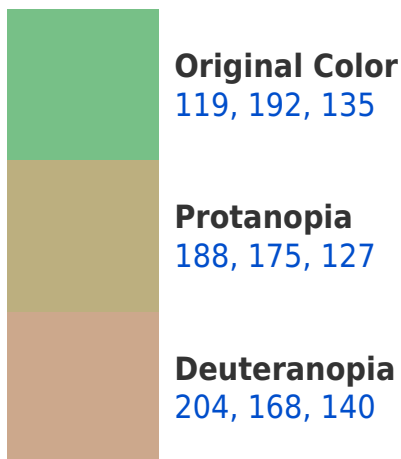


This preview shows how white text looks on a background with the RGB color 119, 192, 135.

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](#).

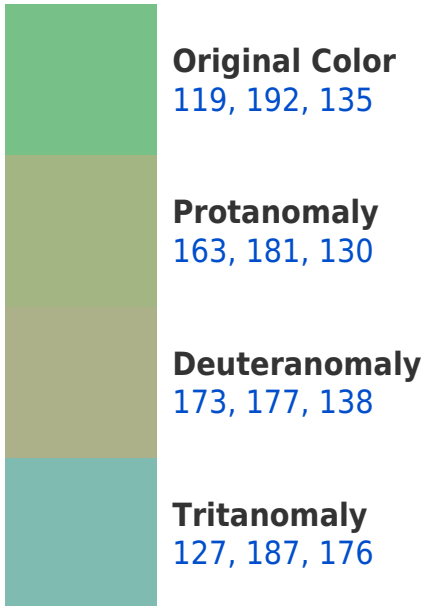
Dichromacy



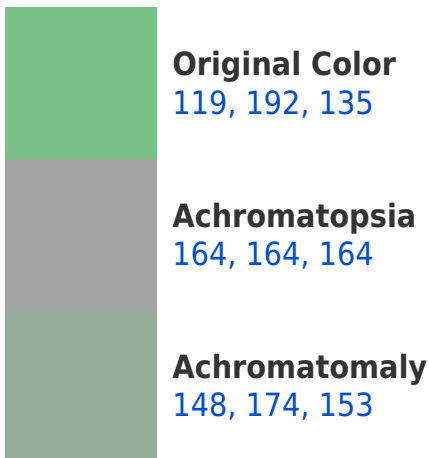


Tritanopia
132, 184, 199

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 192, 135 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, 192, 135)` looks like.

```
.text, #text, p{  
    color:rgb(119, 192, 135)  
}
```

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, 192, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 192, 135) }
```

Border

The CSS property to change the border of an element to RGB 119, 192, 135 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, 192, 135) }
```

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

```
.border{ border-color:rgb(119, 192, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 192, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 192, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 192, 135);  
box-shadow:4px 4px 4px 4px rgb(119, 192,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 119, 192, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 192, 135) }
```

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

```
.background{ background-color: rgb(119,  
192, 135) }
```

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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