

Converting Colors

RGB(119, 197, 135)

Have a look what the booklet for
RGB(119, 197, 135) contains.

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Color

RGB(119, 197, 135)

Conversions

Conversions Part 1

Format	Color
Hex	77C587
RGB	119, 197, 135
RGB Percent	47%, 77%, 53%
CMY	0.5333, 0.2275, 0.4706
CMYK	0.40, 0.00, 0.31, 0.23
HSL	132°, 40%, 62%
HSV	132°, 40%, 77%
XYZ	31.9472, 45.6037, 30.0403
YIQ	166.6100, -26.5860, -35.8180

Conversions

Conversions Part 2

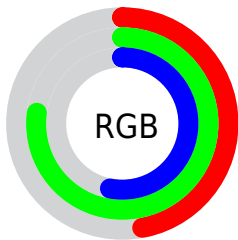
Format	Color
RYB	119, 184, 197
Decimal	7849351
CIELab	73.29, -37.22, 23.74
CIELCh	73, 44.146, 147.462
Yxy	45.6037, 0.2969, 0.4239
Android (android.graphics.Color)	4286039431 (0xFF77C587)
YUV	166.6100, -15.5837, -41.7540
Hunter-Lab	67.5305, -33.7341, 20.8968

Details

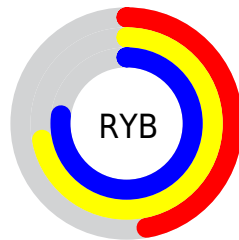
The RGB color **119, 197, 135** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **197, 119, 181**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **174, 254, 189**, and **65, 143, 85** is the 20% darker color. If you saturate the color by 10%, you get **99, 197, 119**, and if you desaturate by 10%, it is **139, 197, 151**.

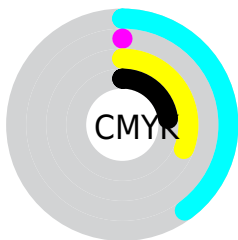
Distribution



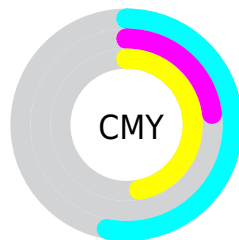
- Red (47%)
- Green (77%)
- Blue (53%)



- Red (47%)
- Yellow (72%)
- Blue (77%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)
- Black (23%)



- Cyan (53%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 197, 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, 197, 135 by changing the saturation by 10% instead.


 119, 197, 135


255, 255, 255

 174, 254, 189

 202, 255, 217


 231, 255, 245

 119, 197, 135

 92, 169, 109

 65, 143, 85

 37, 117, 61

 0, 91, 38


 0, 67, 16

 0, 44, 0

 0, 20, 0

 0, 0, 0

 119, 197, 135

 119, 197, 135

■ 99, 197, 119

■ 139, 197, 151

■ 80, 197, 104

■ 158, 197, 166

■ 60, 197, 88

■ 178, 197, 182

■ 40, 197, 72

■ 198, 197, 198

■ 20, 197, 57

■ 218, 197, 213

■ 1, 197, 41

■ 237, 197, 229

■ 0, 197, 40

■ 255, 197, 245

■ 255, 197, 255

Harmonies

Analogous

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



168, 189, 106



119, 197, 135



53, 201, 175

Triad

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



119, 197, 135



110, 185, 255



255, 150, 145

Complementary

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



119, 197, 135



197, 119, 181

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.



254, 148, 185



119, 197, 135



179, 171, 252

Square

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



119, 197, 135



0, 195, 247



227, 156, 224



240, 162, 113

Rectangle

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



119, 197, 135



0, 201, 203



227, 156, 224



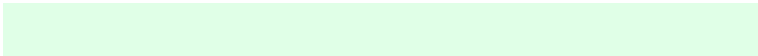
255, 148, 158

Sweetspot

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



119, 197, 135



224, 255, 231



181, 197, 119



110, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



119, 197, 135



133, 255, 158



119, 197, 174



90, 99, 92



0, 163, 33



0, 36, 7

Inverse Universe

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



197, 119, 181



255, 133, 230



197, 119, 142



99, 90, 97



163, 0, 130



36, 0, 28

Previews

White Background



This preview shows how the RGB color 119, 197, 135 looks on a white background.

Color Contrast Check

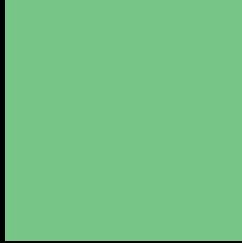
Large Text (above 18pt) WCAG AA × Fail

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, 197, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

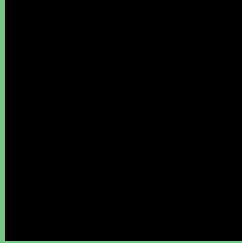
Any Text WCAG AA ✓ Pass

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, 197, 135 Background



This preview shows how black text looks on a background with the RGB color 119, 197, 135.

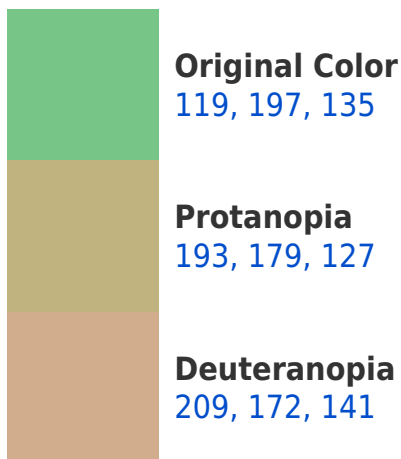


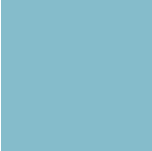
This preview shows how white text looks on a background with the RGB color 119, 197, 135.

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
133, 188, 203

Trichromacy



Original Color

119, 197, 135



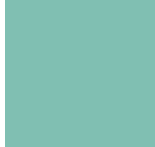
Protanomaly

166, 186, 130



Deuteranomaly

176, 181, 139



Tritanomaly

128, 191, 178

Monochromacy



Original Color

119, 197, 135



Achromatopsia

167, 167, 167



Achromatomaly

150, 178, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 197, 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, 197, 135)` looks like.

```
.text, #text, p{  
    color:rgb(119, 197, 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, 197, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 197, 135) }
```

Border

The CSS property to change the border of an element to RGB 119, 197, 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, 197, 135) }
```

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

```
.border{ border-color:rgb(119, 197, 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, 197, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 197, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 197, 135);  
box-shadow:4px 4px 4px 4px rgb(119, 197,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 119, 197, 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, 197, 135) }
```

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

```
.background{ background-color: rgb(119,  
197, 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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