

Converting Colors

RGB(88, 198, 149)

Have a look what the booklet for
RGB(88, 198, 149) contains.

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Color

RGB(88, 198, 149)

Conversions

Conversions Part 1

Format	Color
Hex	58C695
RGB	88, 198, 149
RGB Percent	35%, 78%, 58%
CMY	0.6549, 0.2235, 0.4157
CMYK	0.56, 0.00, 0.25, 0.22
HSL	153°, 49%, 56%
HSV	153°, 56%, 78%
XYZ	29.6434, 44.6328, 35.4864
YIQ	159.5240, -49.8310, -38.5590

Conversions

Conversions Part 2

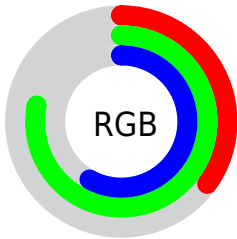
Format	Color
RYB	88, 159, 198
Decimal	5818005
CIELab	72.65, -43.03, 15.21
CIELCh	73, 45.640, 160.535
Yxy	44.6328, 0.2701, 0.4066
Android (android.graphics.Color)	4284008085 (0xFF58C695)
YUV	159.5240, -5.1883, -62.7265
Hunter-Lab	66.8078, -37.7111, 15.2723

Details

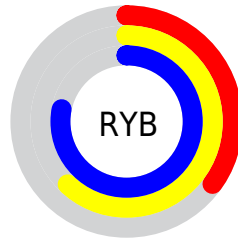
The RGB color **88, 198, 149** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **198, 88, 137**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **146, 255, 203**, and **16, 143, 98** is the 20% darker color. If you saturate the color by 10%, you get **68, 198, 140**, and if you desaturate by 10%, it is **108, 198, 158**.

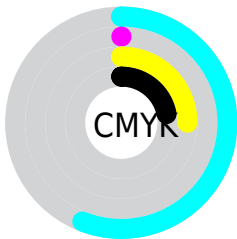
Distribution



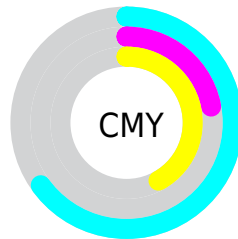
- Red (35%)
- Green (78%)
- Blue (58%)



- Red (35%)
- Yellow (62%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (65%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 88, 198, 149 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 88, 198, 149 by changing the saturation by 10% instead.



88, 198, 149



88, 198, 149

255, 255, 255



57, 170, 123



146, 255, 203



16, 143, 98



175, 255, 231



0, 117, 74



204, 255, 255



0, 92, 51



233, 255, 255



0, 67, 30



0, 45, 6



0, 17, 0



0, 0, 0



88, 198, 149



88, 198, 149

■ 68, 198, 140

■ 108, 198, 158

■ 48, 198, 131

■ 128, 198, 167

■ 29, 198, 123

■ 147, 198, 175

■ 9, 198, 114

■ 167, 198, 184

■ 0, 198, 110

■ 187, 198, 193

■ 207, 198, 202

■ 227, 198, 211

■ 246, 198, 220

■ 255, 198, 228

Harmonies

Analogous

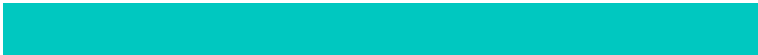
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



144, 191, 113



88, 198, 149



0, 200, 192

Triad

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



88, 198, 149



139, 177, 255



252, 152, 126

Complementary

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



88, 198, 149



198, 88, 137

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, 144, 165



88, 198, 149



201, 162, 242

Square

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



88, 198, 149



40, 190, 255



242, 148, 207



227, 166, 99

Rectangle

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



88, 198, 149



0, 199, 219



242, 148, 207



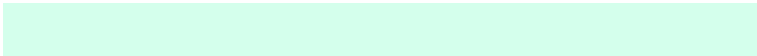
255, 148, 138

Sweetspot

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



88, 198, 149



212, 255, 236



138, 198, 88



102, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



88, 198, 149



84, 255, 179



88, 193, 198



90, 99, 95



0, 163, 91



0, 36, 20

Inverse Universe

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



198, 88, 137



255, 84, 160



198, 94, 88



99, 90, 94



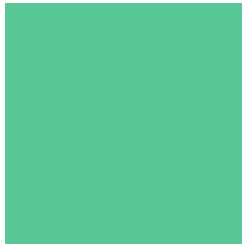
163, 0, 73



36, 0, 16

Previews

White Background



This preview shows how the RGB color 88, 198, 149 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 88, 198, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

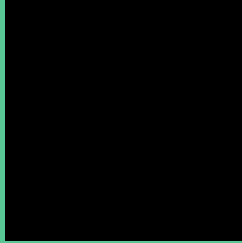
Any Text WCAG AA ✓ Pass

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 88, 198, 149 Background



This preview shows how black text looks on a background with the RGB color 88, 198, 149.

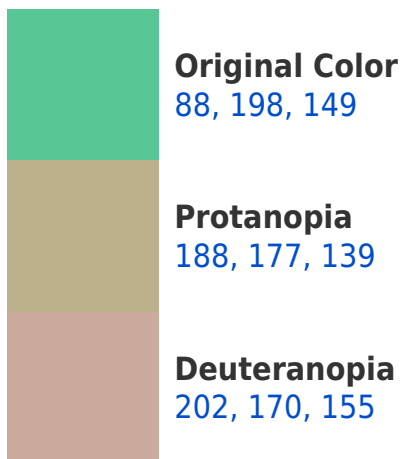


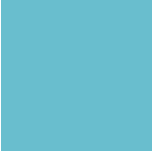
This preview shows how white text looks on a background with the RGB color 88, 198, 149.

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
105, 190, 206

Trichromacy



Original Color

88, 198, 149



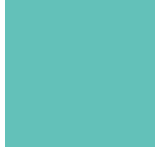
Protanomaly

152, 185, 143



Deuteranomaly

161, 180, 153



Tritanomaly

99, 193, 185

Monochromacy



Original Color

88, 198, 149



Achromatopsia

160, 160, 160



Achromatomaly

134, 174, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 88, 198, 149 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(88, 198, 149)` looks like.

```
.text, #text, p{  
    color:rgb(88, 198, 149)  
}
```

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(88, 198, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 198, 149) }
```

Border

The CSS property to change the border of an element to RGB 88, 198, 149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

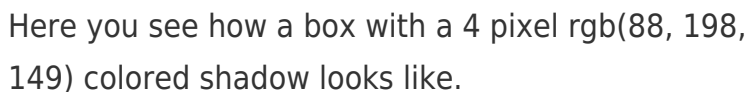
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 198, 149) }
```

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

```
.border{ border-color:rgb(88, 198, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(88, 198, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(88, 198, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(88, 198, 149); box-shadow:4px 4px 4px 4px rgb(88, 198, 149) }
```

Background

The CSS property to change the background color of an element to RGB 88, 198, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 198, 149) }
```

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

```
.background{ background-color: rgb(88, 198,  
149) }
```

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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