

Converting Colors

`RYB(88, 185, 199)`

Have a look what the booklet for
RYB(88, 185, 199) contains.

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Color

RYB(88, 185, 199)

Conversions

Conversions Part 1

Format	Color
Hex	58C768
RGB	88, 199, 104
RGB Percent	35%, 78%, 41%
CMY	0.6549, 0.2196, 0.5921
CMYK	0.56, 0.00, 0.48, 0.22
HSL	129°, 50%, 56%
HSV	129°, 56%, 78%
XYZ	26.9477, 43.9215, 20.1596
YIQ	154.9810, -35.6610, -53.0770

Conversions

Conversions Part 2

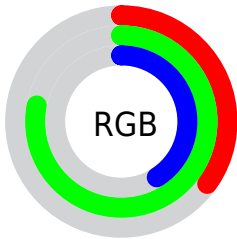
Format	Color
RYB	88, 185, 199
Decimal	5818216
CIELab	72.18, -51.60, 38.04
CIElCh	72, 64.102, 143.603
Yxy	43.9215, 0.2960, 0.4825
Android (android.graphics.Color)	4284008296 (0xFF58C768)
YUV	154.9810, -25.1336, -58.7423
Hunter-Lab	66.2733, -43.3975, 28.3559

Details

The RYB color **88, 185, 199** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **199, 88, 183**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **146, 245, 255**, and **13, 113, 144** is the 20% darker color. If you saturate the color by 10%, you get **68, 182, 199**, and if you desaturate by 10%, it is **108, 188, 199**.

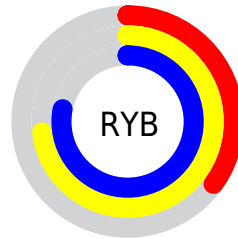
Distribution



Red (35%)

Green (78%)

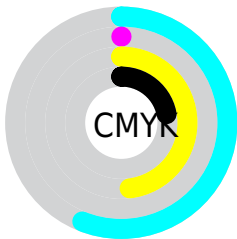
Blue (41%)



Red (35%)

Yellow (73%)

Blue (78%)

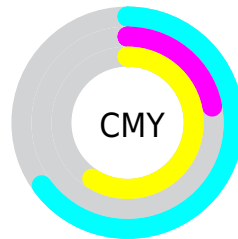


Cyan (56%)

Magenta (0%)

Yellow (48%)

Black (22%)



Cyan (65%)

Magenta (22%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 88, 185, 199 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 RYB color 88, 185, 199 by changing the saturation by 10% instead.



88, 185, 199



88, 185, 199

255, 255, 255



57, 153, 171



146, 245, 255



13, 113, 144



175, 247, 255



0, 95, 118



204, 248, 255



0, 92, 92



234, 250, 255



0, 67, 67



0, 45, 45



0, 14, 14




0, 0, 0




88, 185, 199




88, 185, 199

 68, 182, 199

 108, 188, 199

 48, 180, 199

 128, 190, 199

 28, 177, 199

 148, 193, 199

 8, 175, 199

 168, 195, 199

 0, 174, 199

 188, 198, 199

 207, 199, 206

 227, 199, 223

 247, 199, 240

 255, 199, 255

Harmonies

Analogous

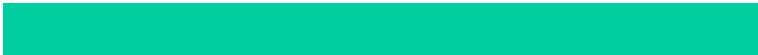
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61, 188, 86



88, 185, 199



0, 115, 205

Triad

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



88, 185, 199



0, 108, 255



255, 127, 133

Complementary

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



88, 185, 199



199, 88, 183

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, 124, 192



88, 185, 199



157, 166, 255

Square

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



88, 185, 199



0, 112, 255



236, 142, 247



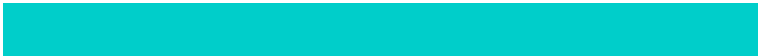
255, 185, 83

Rectangle

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



88, 185, 199



0, 104, 206



236, 142, 247



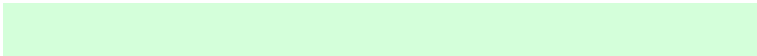
255, 124, 153

Sweetspot

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



88, 185, 199



212, 250, 255



88, 199, 103



102, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



88, 185, 199



84, 233, 255



88, 156, 199



90, 98, 99



0, 142, 163



0, 32, 36

Inverse Universe

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



199, 88, 183



255, 84, 230



199, 88, 129



99, 90, 98



163, 0, 140



36, 0, 31

Previews

White Background



This preview shows how the RYB color 88, 185, 199 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 RYB color 88, 185, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

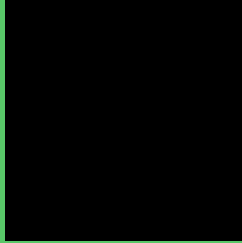
Any Text WCAG AA ✓ Pass

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](#).

RYB 88, 185, 199 Background



This preview shows how black text looks on a background with the RYB color 88, 185, 199.

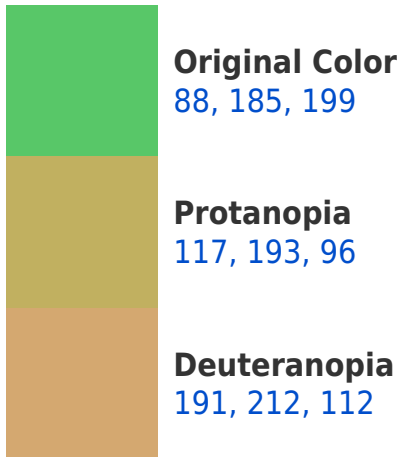


This preview shows how white text looks on a background with the RYB color 88, 185, 199.

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
112, 153, 203

Trichromacy



Original Color

88, 185, 199



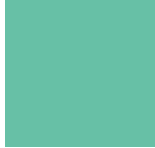
Protanomaly

99, 184, 128



Deuteranomaly

109, 179, 121



Tritanomaly

103, 155, 192

Monochromacy



Original Color

88, 185, 199



Achromatopsia

155, 155, 155



Achromatomaly

131, 167, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 88, 185, 199 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, 199, 104)` looks like.

```
.text, #text, p{  
    color:rgb(88, 199, 104)  
}
```

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, 199, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 199, 104) }
```

Border

The CSS property to change the border of an element to RYB 88, 185, 199 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, 199, 104) }
```

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

```
.border{ border-color:rgb(88, 199, 104) }
```

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

Here you see how a box with a 4 pixel rgb(88, 199, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 199, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 199, 104);  
box-shadow:4px 4px 4px 4px rgb(88, 199,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 88, 185, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 199, 104) }
```

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

```
.background{ background-color: rgb(88, 199,  
104) }
```

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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