

Converting Colors

`RYB(88, 140, 191)`

Have a look what the booklet for
RYB(88, 140, 191) contains.

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Color

RYB(88, 140, 191)

Conversions

Conversions Part 1

Format	Color
Hex	58BFBD
RGB	88, 191, 189
RGB Percent	35%, 75%, 74%
CMY	0.6549, 0.2510, 0.2587
CMYK	0.54, 0.00, 0.01, 0.25
HSL	179°, 45%, 55%
HSV	179°, 54%, 75%
XYZ	31.8427, 43.0113, 54.7788
YIQ	159.9750, -60.7460, -22.4580

Conversions

Conversions Part 2

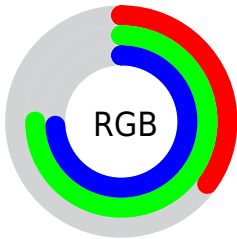
Format	Color
RYB	88, 140, 191
Decimal	5816253
CIELab	71.56, -30.16, -8.10
CIELCh	72, 31.229, 195.028
Yxy	43.0113, 0.2456, 0.3318
Android (android.graphics.Color)	4284006333 (0xFF58BFBD)
YUV	159.9750, 14.3093, -63.1221
Hunter-Lab	65.5830, -28.1026, -3.6144

Details

The RYB color **88, 140, 191** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **191, 88, 90**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **146, 198, 248**, and **11, 74, 137** is the 20% darker color. If you saturate the color by 10%, you get **69, 131, 191**, and if you desaturate by 10%, it is **107, 150, 191**.

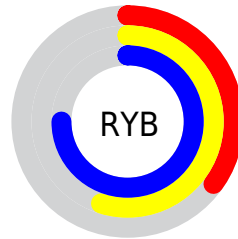
Distribution



Red (35%)

Green (75%)

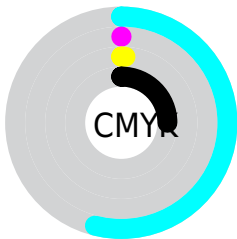
Blue (74%)



Red (35%)

Yellow (55%)

Blue (75%)

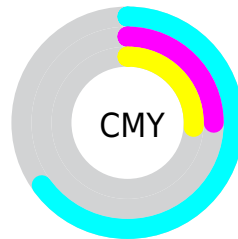


Cyan (54%)

Magenta (0%)

Yellow (1%)

Black (25%)



Cyan (65%)


















Magenta (25%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 88, 140, 191 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, 140, 191 by changing the saturation by 10% instead.

 88, 140, 191	 88, 140, 191
 255, 255, 255	 57, 111, 164
 146, 198, 248	 11, 74, 137
 175, 215, 255	 0, 56, 111
 205, 230, 255	 0, 43, 86
 235, 245, 255	 0, 32, 63
	 0, 20, 41
	 0, 8, 21
	 0, 0, 0
 88, 140, 191	 88, 140, 191

■ 69, 131, 191

■ 107, 150, 191

■ 50, 121, 191

■ 126, 159, 191

■ 31, 112, 191

■ 145, 168, 191

■ 12, 102, 191

■ 164, 178, 191

■ 0, 97, 191

■ 184, 188, 191

■ 203, 191, 191

■ 222, 191, 192

■ 241, 191, 192

■ 255, 191, 192

Harmonies

Analogous

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



115, 162, 190



88, 140, 191



86, 143, 215

Triad

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



88, 140, 191



197, 163, 216



192, 208, 121

Complementary

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



88, 140, 191



191, 88, 90

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.



227, 169, 136



88, 140, 191



223, 156, 191

Square

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



88, 140, 191



159, 171, 230



232, 154, 162



123, 181, 120

Rectangle

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



88, 140, 191



104, 153, 226



232, 154, 162



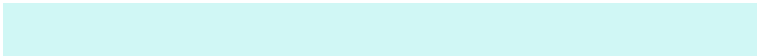
215, 199, 124

Sweetspot

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



88, 140, 191



208, 228, 247



88, 191, 188



101, 113, 125



252, 252, 252



125, 125, 125

Same Dimension

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



88, 140, 191



87, 168, 247



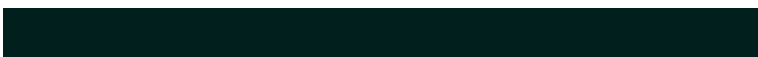
88, 124, 191



85, 90, 94



0, 80, 158



0, 16, 31

Inverse Universe

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



191, 88, 90



247, 87, 90



191, 178, 88



94, 85, 85



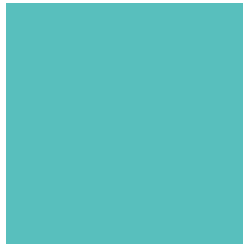
158, 0, 3



31, 0, 1

Previews

White Background



This preview shows how the RYB color 88, 140, 191 looks on a white background.

Color Contrast Check

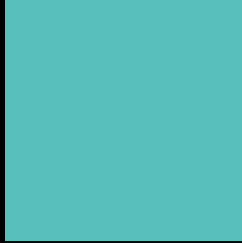
Large Text (above 18pt) WCAG AA × Fail

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, 140, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

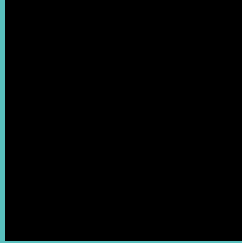
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

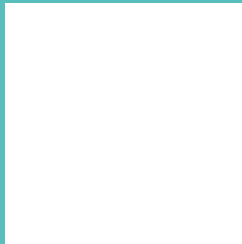
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 88, 140, 191 Background



This preview shows how black text looks on a background with the RYB color 88, 140, 191.

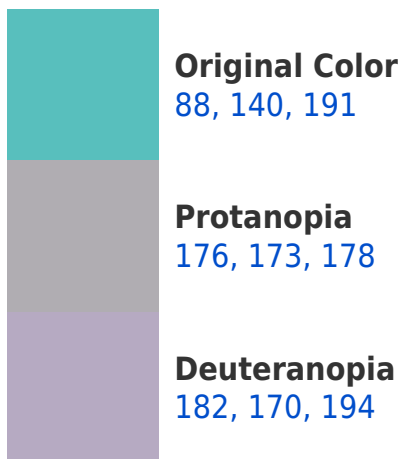


This preview shows how white text looks on a background with the RYB color 88, 140, 191.

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
94, 145, 204

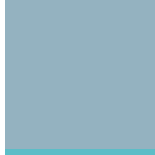
Trichromacy



Original Color
88, 140, 191



Protanomaly
144, 162, 182



Deuteranomaly
148, 166, 192

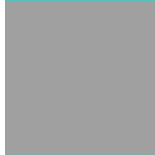


Tritanomaly
92, 143, 199

Monochromacy



Original Color
88, 140, 191



Achromatopsia
160, 160, 160



Achromatomaly
134, 153, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 88, 140, 191 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, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(88, 191, 189)  
}
```

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, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 191, 189) }
```

Border

The CSS property to change the border of an element to RYB 88, 140, 191 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, 191, 189) }
```

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

```
.border{ border-color:rgb(88, 191, 189) }
```

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

Here you see how a box with a 4 pixel rgb(88, 191, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(88, 191,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 88, 140, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 191, 189) }
```

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

```
.background{ background-color: rgb(88, 191,  
189) }
```

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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