

Converting Colors

`RYB(88, 143, 192)`

Have a look what the booklet for
RYB(88, 143, 192) contains.

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Color

$\text{RYB}(88, 143, 192)$

Conversions

Conversions Part 1

Format	Color
Hex	58C0B5
RGB	88, 192, 181
RGB Percent	35%, 75%, 71%
CMY	0.6549, 0.2471, 0.2916
CMYK	0.54, 0.00, 0.06, 0.25
HSL	173°, 45%, 55%
HSV	173°, 54%, 75%
XYZ	31.1792, 43.0960, 50.2055
YIQ	159.6500, -58.4530, -25.4690

Conversions

Conversions Part 2

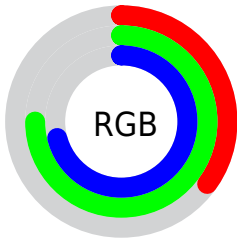
Format	Color
RYB	88, 143, 192
Decimal	5816501
CIELab	71.62, -32.84, -3.44
CIELCh	72, 33.017, 185.984
Yxy	43.0960, 0.2505, 0.3462
Android (android.graphics.Color)	4284006581 (0xFF58C0B5)
YUV	159.6500, 10.5256, -62.8370
Hunter-Lab	65.6476, -30.1049, 0.6099

Details

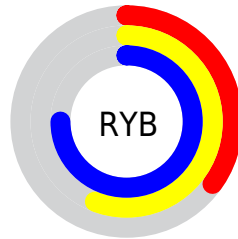
The RYB color **88, 143, 192** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **192, 88, 99**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **146, 201, 249**, and **14, 79, 138** is the 20% darker color. If you saturate the color by 10%, you get **69, 134, 192**, and if you desaturate by 10%, it is **107, 152, 192**.

Distribution



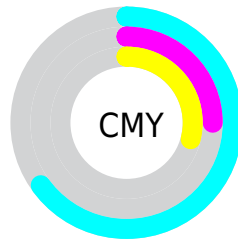
- Red (35%)
- Green (75%)
- Blue (71%)



- Red (35%)
- Yellow (56%)
- Blue (75%)



- Cyan (54%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (65%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 88, 143, 192 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, 143, 192 by changing the saturation by 10% instead.

 88, 143, 192

 88, 143, 192

255, 255, 255

 57, 114, 165

 146, 201, 249

 14, 79, 138

 175, 215, 255

 0, 58, 112

 204, 230, 255

 0, 46, 87


 234, 245, 255


 0, 33, 63

 0, 22, 41

 0, 6, 14

 0, 0, 0

 88, 143, 192

 88, 143, 192

■ 69, 134, 192

■ 107, 152, 192

■ 50, 125, 192

■ 126, 161, 192

■ 30, 116, 192

■ 146, 170, 192

■ 11, 107, 192

■ 165, 179, 192

■ 0, 102, 192

■ 184, 188, 192

■ 203, 192, 193

■ 222, 192, 195

■ 242, 192, 197

■ 255, 192, 200

Harmonies

Analogous

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



122, 170, 190



88, 143, 192



73, 136, 210

Triad

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



88, 143, 192



187, 166, 224



217, 202, 121

Complementary

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



88, 143, 192



192, 88, 99

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.



233, 159, 142



88, 143, 192



219, 156, 201

Square

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



88, 143, 192



144, 168, 235



234, 153, 170



132, 190, 115

Rectangle

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



88, 143, 192



86, 144, 224



234, 153, 170



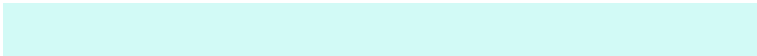
223, 182, 127

Sweetspot

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



88, 143, 192



210, 231, 250



88, 192, 180



101, 114, 125



252, 252, 252



125, 125, 125

Same Dimension

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



88, 143, 192



87, 173, 250



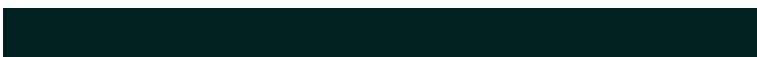
88, 128, 192



87, 92, 97



0, 85, 161



0, 17, 33

Inverse Universe

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



192, 88, 99



250, 87, 105



192, 153, 88



97, 87, 88



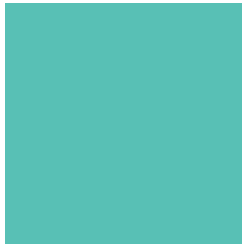
161, 0, 18



33, 0, 4

Previews

White Background



This preview shows how the RYB color 88, 143, 192 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, 143, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

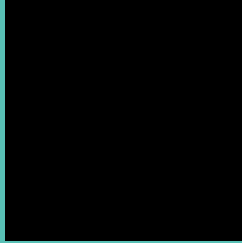
Any Text WCAG AA ✓ Pass

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, 143, 192 Background



This preview shows how black text looks on a background with the RYB color 88, 143, 192.

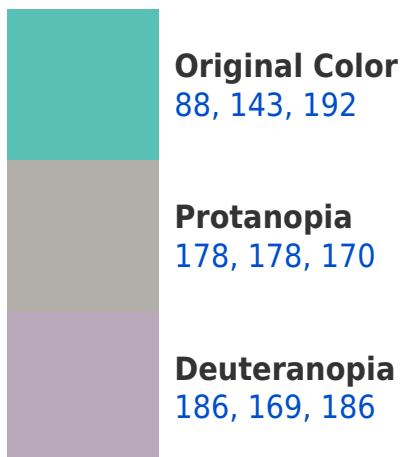


This preview shows how white text looks on a background with the RYB color 88, 143, 192.

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
96, 146, 204

Trichromacy



Original Color

88, 143, 192



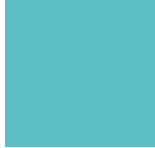
Protanomaly

145, 165, 181



Deuteranomaly

150, 165, 184



Tritanomaly

93, 143, 196

Monochromacy



Original Color

88, 143, 192



Achromatopsia

160, 160, 160



Achromatomaly

134, 154, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 88, 143, 192 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, 192, 181)` looks like.

```
.text, #text, p{  
    color:rgb(88, 192, 181)  
}
```

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, 192, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 192, 181) }
```

Border

The CSS property to change the border of an element to RYB 88, 143, 192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

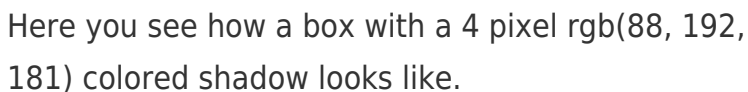
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 192, 181) }
```

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

```
.border{ border-color:rgb(88, 192, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(88, 192, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 192, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 192, 181);  
box-shadow:4px 4px 4px 4px rgb(88, 192,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 88, 143, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 192, 181) }
```

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

```
.background{ background-color: rgb(88, 192,  
181) }
```

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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