

Converting Colors

RGB(80, 179, 202)

Have a look what the booklet for
RGB(80, 179, 202) contains.

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Color

RGB(80, 179, 202)

Conversions

Conversions Part 1

Format	Color
Hex	50B3CA
RGB	80, 179, 202
RGB Percent	31%, 70%, 79%
CMY	0.6863, 0.2980, 0.2078
CMYK	0.60, 0.11, 0.00, 0.21
HSL	191°, 54%, 55%
HSV	191°, 60%, 79%
XYZ	30.0890, 38.2099, 61.6665
YIQ	152.0210, -66.3870, -13.8350

Conversions

Conversions Part 2

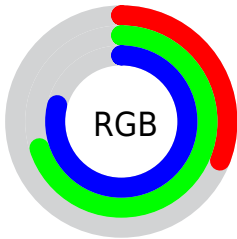
Format	Color
RYB	80, 135, 202
Decimal	5288906
CIELab	68.18, -22.05, -20.34
CIElCh	68, 30.004, 222.689
Yxy	38.2099, 0.2315, 0.2940
Android (android.graphics.Color)	4283478986 (0xFF50B3CA)
YUV	152.0210, 24.6396, -63.1624
Hunter-Lab	61.8142, -21.2871, -15.8784

Details

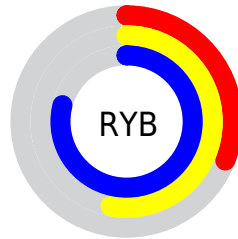
The RGB color **80, 179, 202** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **202, 103, 80**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **140, 235, 255**, and **0, 126, 148** is the 20% darker color. If you saturate the color by 10%, you get **60, 175, 202**, and if you desaturate by 10%, it is **100, 183, 202**.

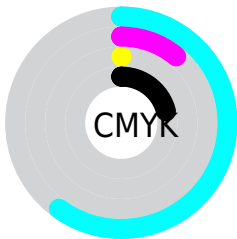
Distribution



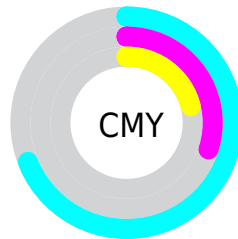
- Red (31%)
- Green (70%)
- Blue (79%)



- Red (31%)
- Yellow (53%)
- Blue (79%)



- Cyan (60%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)




- Cyan (69%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 80, 179, 202 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 80, 179, 202 by changing the saturation by 10% instead.

 80, 179, 202


255, 255, 255


 140, 235, 255

 169, 255, 255

 199, 255, 255

 229, 255, 255

 80, 179, 202

 46, 152, 175

 0, 126, 148

 0, 101, 122


 0, 77, 97


 0, 54, 73

 0, 33, 51

 0, 2, 30

 0, 0, 0

 80, 179, 202

 80, 179, 202

■ 60, 175, 202

■ 100, 183, 202

■ 40, 171, 202

■ 120, 187, 202

■ 19, 168, 202

■ 141, 190, 202

■ 0, 164, 202

■ 161, 194, 202

■ 181, 198, 202

■ 201, 202, 202

■ 221, 206, 202

■ 242, 209, 202

■ 255, 213, 202

Harmonies

Analogous

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



85, 181, 177



80, 179, 202



108, 173, 217

Triad

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



80, 179, 202



210, 148, 183



174, 168, 113

Complementary

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



80, 179, 202



202, 103, 80

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.



199, 159, 115



80, 179, 202



220, 146, 155

Square

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



80, 179, 202



184, 155, 206



216, 151, 131



143, 175, 126

Rectangle

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



80, 179, 202



134, 168, 220



216, 151, 131



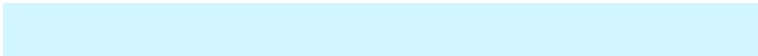
183, 165, 112

Sweetspot

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



80, 179, 202



209, 246, 255



80, 202, 102



99, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



80, 179, 202



71, 220, 255



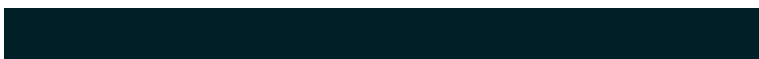
80, 119, 202



92, 100, 102



0, 135, 166



0, 31, 38

Inverse Universe

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



202, 80, 179



255, 71, 220



202, 163, 80



102, 92, 100



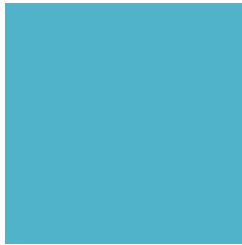
166, 0, 135



38, 0, 31

Previews

White Background



This preview shows how the RGB color 80, 179, 202 looks on a white background.

Color Contrast Check

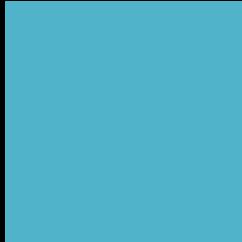
Large Text (above 18pt) WCAG AA × Fail

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 80, 179, 202 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 80, 179, 202 Background



This preview shows how black text looks on a background with the RGB color 80, 179, 202.



This preview shows how white text looks on a background with the RGB color 80, 179, 202.

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
77, 180, 195

Trichromacy



Original Color

80, 179, 202



Protanomaly

131, 169, 196



Deuteranomaly

131, 168, 205



Tritanomaly

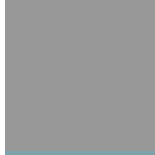
78, 180, 198

Monochromacy



Original Color

80, 179, 202



Achromatopsia

152, 152, 152



Achromatomaly

126, 162, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 80, 179, 202 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(80, 179, 202)` looks like.

```
.text, #text, p{  
    color:rgb(80, 179, 202)  
}
```

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(80, 179, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 179, 202) }
```

Border

The CSS property to change the border of an element to RGB 80, 179, 202 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(80, 179, 202) }
```

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

```
.border{ border-color:rgb(80, 179, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 179, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 179, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 179, 202);  
box-shadow:4px 4px 4px 4px rgb(80, 179,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 80, 179, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 179, 202) }
```

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

```
.background{ background-color: rgb(80, 179,  
202) }
```

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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