

Converting Colors

RGB(83, 183, 185)

Have a look what the booklet for
RGB(83, 183, 185) contains.

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Color

RGB(83, 183, 185)

Conversions

Conversions Part 1

Format	Color
Hex	53B7B9
RGB	83, 183, 185
RGB Percent	33%, 72%, 73%
CMY	0.6745, 0.2824, 0.2745
CMYK	0.55, 0.01, 0.00, 0.27
HSL	181°, 42%, 53%
HSV	181°, 55%, 73%
XYZ	29.2577, 39.2088, 51.9249
YIQ	153.3280, -60.2420, -20.5780

Conversions

Conversions Part 2

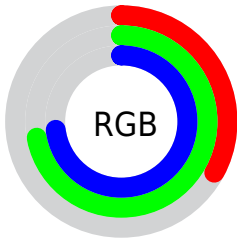
Format	Color
RYB	83, 133, 185
Decimal	5486521
CIELab	68.90, -28.36, -9.87
CIElCh	69, 30.026, 199.196
Yxy	39.2088, 0.2430, 0.3257
Android (android.graphics.Color)	4283676601 (0xFF53B7B9)
YUV	153.3280, 15.6143, -61.6777
Hunter-Lab	62.6169, -26.1755, -5.3343

Details

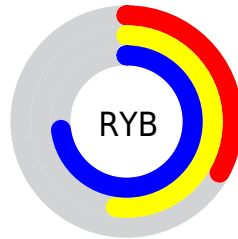
The RGB color **83, 183, 185** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **185, 85, 83**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **141, 239, 241**, and **0, 130, 132** is the 20% darker color. If you saturate the color by 10%, you get **65, 183, 185**, and if you desaturate by 10%, it is **102, 183, 185**.

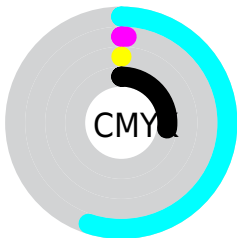
Distribution



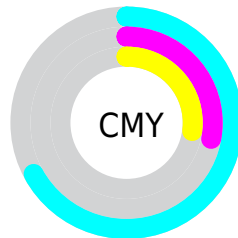
- Red (33%)
- Green (72%)
- Blue (73%)



- Red (33%)
- Yellow (52%)
- Blue (73%)



- Cyan (55%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)




- Cyan (67%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 83, 183, 185 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 83, 183, 185 by changing the saturation by 10% instead.

 83, 183, 185


255, 255, 255


 141, 239, 241

 170, 255, 255

 200, 255, 255


 229, 255, 255

 83, 183, 185


 51, 156, 158

 0, 130, 132

 0, 104, 107


 0, 80, 83


 0, 56, 60

 0, 35, 38

 0, 1, 18

 0, 0, 0

 83, 183, 185

 83, 183, 185

■ 65, 183, 185

■ 102, 183, 185

■ 46, 182, 185

■ 120, 184, 185

■ 28, 182, 185

■ 139, 184, 185

■ 9, 182, 185

■ 157, 184, 185

■ 0, 181, 185

■ 176, 185, 185

■ 194, 185, 185

■ 213, 186, 185

■ 231, 186, 185

■ 250, 186, 185

Harmonies

Analogous

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



107, 182, 157



83, 183, 185



86, 180, 208

Triad

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



83, 183, 185



193, 155, 204



196, 163, 115

Complementary

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



83, 183, 185



185, 85, 83

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.



215, 154, 128



83, 183, 185



215, 149, 179

Square

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



83, 183, 185



158, 165, 219



223, 148, 152



169, 172, 116

Rectangle

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



83, 183, 185



105, 176, 218



223, 148, 152



204, 160, 118

Sweetspot

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



83, 183, 185



199, 239, 240



83, 185, 85



96, 119, 120



247, 247, 247



120, 120, 120

Same Dimension

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



83, 183, 185



81, 237, 240



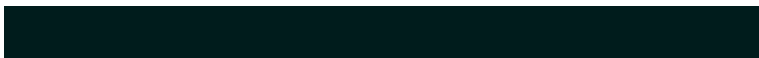
83, 132, 185



83, 92, 92



0, 153, 156



0, 28, 28

Inverse Universe

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



185, 83, 183



240, 81, 237



185, 136, 83



92, 83, 92



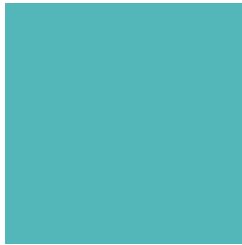
156, 0, 153



28, 0, 28

Previews

White Background



This preview shows how the RGB color 83, 183, 185 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 83, 183, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

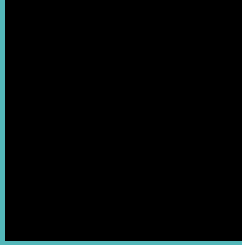
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

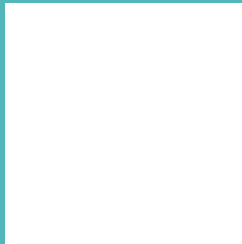
Any Text WCAG AAA ✓ Pass

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

RGB 83, 183, 185 Background



This preview shows how black text looks on a background with the RGB color 83, 183, 185.

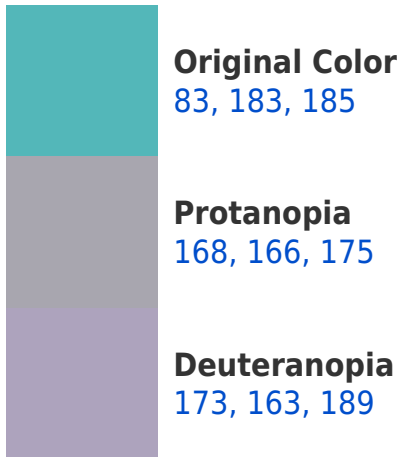


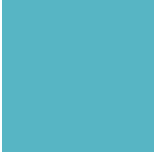
This preview shows how white text looks on a background with the RGB color 83, 183, 185.

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
87, 181, 196

Trichromacy



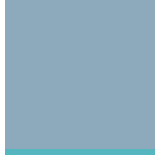
Original Color

83, 183, 185



Protanomaly

137, 172, 179



Deuteranomaly

140, 170, 188



Tritanomaly

86, 182, 192

Monochromacy



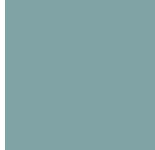
Original Color

83, 183, 185



Achromatopsia

153, 153, 153



Achromatomaly

128, 164, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 83, 183, 185 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(83, 183, 185)` looks like.

```
.text, #text, p{  
    color:rgb(83, 183, 185)  
}
```

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(83, 183, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 183, 185) }
```

Border

The CSS property to change the border of an element to RGB 83, 183, 185 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(83, 183, 185) }
```

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

```
.border{ border-color:rgb(83, 183, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 183, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 183, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 183, 185);  
box-shadow:4px 4px 4px 4px rgb(83, 183,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 83, 183, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 183, 185) }
```

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

```
.background{ background-color: rgb(83, 183,  
185) }
```

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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