

Converting Colors

RGB(65, 168, 183)

Have a look what the booklet for
RGB(65, 168, 183) contains.

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Color

RGB(65, 168, 183)

Conversions

Conversions Part 1

Format	Color
Hex	41A8B7
RGB	65, 168, 183
RGB Percent	25%, 66%, 72%
CMY	0.7451, 0.3412, 0.2824
CMYK	0.64, 0.08, 0.00, 0.28
HSL	188°, 48%, 49%
HSV	188°, 64%, 72%
XYZ	24.7298, 32.5480, 49.7787
YIQ	138.9130, -66.2030, -17.1710

Conversions

Conversions Part 2

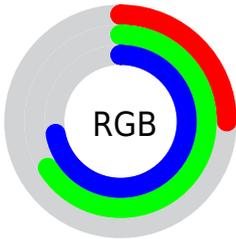
Format	Color
R _{YB}	65, 120, 183
Decimal	4303031
CIE _{Lab}	63.79, -24.74, -16.50
CIE _{LCh}	64, 29.732, 213.702
Yxy	32.5480, 0.2310, 0.3040
Android (android.graphics.Color)	4282493111 (0xFF41A8B7)
YUV	138.9130, 21.7349, -64.8217
Hunter-Lab	57.0508, -22.4645, -11.7969

Details

The RGB color **65, 168, 183** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **183, 80, 65**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **126, 223, 239**, and **0, 116, 130** is the 20% darker color. If you saturate the color by 10%, you get **47, 166, 183**, and if you desaturate by 10%, it is **83, 170, 183**.

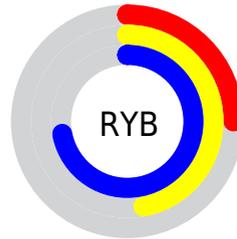
Distribution



Red (25%)

Green (66%)

Blue (72%)



Red (25%)

Yellow (47%)

Blue (72%)

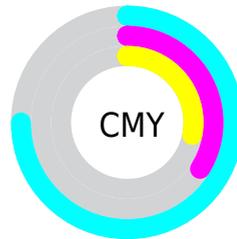


Cyan (64%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (75%)

Magenta (34%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 65, 168, 183 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 65, 168, 183 by changing the saturation by 10% instead.

 65, 168, 183

 65, 168, 183

255, 255, 255

 25, 141, 156

 126, 223, 239

 0, 116, 130

 155, 252, 255

 0, 91, 105

 184, 255, 255

 0, 67, 81

 214, 255, 255

 0, 44, 58

 244, 255, 255

 0, 23, 36

 0, 1, 14

 0, 0, 0

 65, 168, 183

 65, 168, 183

■ 47, 166, 183

■ 83, 170, 183

■ 28, 163, 183

■ 102, 173, 183

■ 10, 161, 183

■ 120, 175, 183

■ 0, 160, 183

■ 138, 177, 183

■ 156, 180, 183

■ 175, 182, 183

■ 193, 184, 183

■ 211, 187, 183

■ 230, 189, 183

Harmonies

Analogous

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



80, 169, 157



65, 168, 183



85, 164, 201

Triad

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



65, 168, 183



191, 138, 178



170, 154, 101

Complementary

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



65, 168, 183



183, 80, 65

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.



192, 145, 108



65, 168, 183



206, 135, 152

Square

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



65, 168, 183



162, 147, 199



206, 137, 126



141, 162, 110

Rectangle

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



65, 168, 183



110, 159, 207



206, 137, 126



178, 151, 102

Sweetspot

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



65, 168, 183



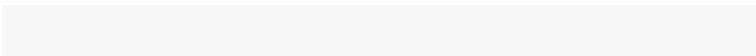
192, 231, 237



65, 183, 79



92, 116, 120



247, 247, 247



120, 120, 120

Same Dimension

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



65, 168, 183



55, 214, 237



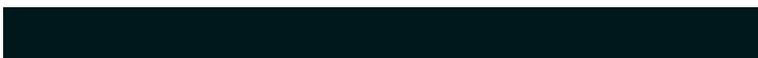
65, 110, 183



83, 91, 92



0, 136, 156



0, 24, 28

Inverse Universe

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



183, 65, 168



237, 55, 214



183, 138, 65



92, 83, 91



156, 0, 136



28, 0, 24

Previews

White Background



This preview shows how the RGB color 65, 168, 183 looks on a white background.

Color Contrast Check

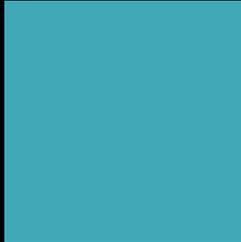
Large Text (above 18pt) WCAG AA × Fail

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 65, 168, 183 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 65, 168, 183 Background



This preview shows how black text looks on a background with the RGB color 65, 168, 183.

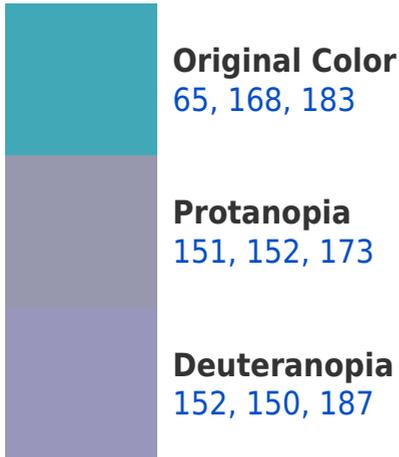


This preview shows how white text looks on a background with the RGB color 65, 168, 183.

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
64, 168, 182

Trichromacy



Original Color
65, 168, 183



Protanomaly
120, 158, 177



Deuteranomaly
120, 157, 186



Tritanomaly
64, 168, 182

Monochromacy



Original Color
65, 168, 183



Achromatopsia
139, 139, 139



Achromatomaly
112, 150, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 65, 168, 183 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(65, 168, 183)` looks like.

```
.text, #text, p{  
    color:rgb(65, 168, 183)  
}
```

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(65, 168, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 168, 183) }
```

Border

The CSS property to change the border of an element to RGB 65, 168, 183 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(65, 168, 183) }
```

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

```
.border{ border-color:rgb(65, 168, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 168, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 168, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 168, 183);  
box-shadow:4px 4px 4px 4px rgb(65, 168,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 65, 168, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 168, 183) }
```

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

```
.background{ background-color: rgb(65, 168,  
183) }
```

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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