

Converting Colors

RGB(63, 153, 176)

Have a look what the booklet for
RGB(63, 153, 176) contains.

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Color

RGB(63, 153, 176)

Conversions

Conversions Part 1

Format	Color
Hex	3F99B0
RGB	63, 153, 176
RGB Percent	25%, 60%, 69%
CMY	0.7529, 0.4000, 0.3098
CMYK	0.64, 0.13, 0.00, 0.31
HSL	192°, 47%, 47%
HSV	192°, 64%, 69%
XYZ	21.2776, 26.9738, 45.1593
YIQ	128.7120, -61.0230, -11.9270

Conversions

Conversions Part 2

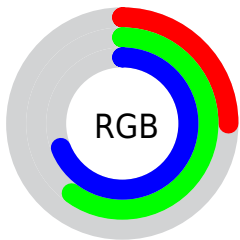
Format	Color
R _{YB}	63, 113, 176
Decimal	4168112
CIE Lab	58.95, -19.46, -19.93
CIE LCh	59, 27.855, 225.674
Yxy	26.9738, 0.2278, 0.2888
Android (android.graphics.Color)	4282358192 (0xFF3F99B0)
YUV	128.7120, 23.3130, -57.6294
Hunter-Lab	51.9363, -17.7595, -15.1980

Details

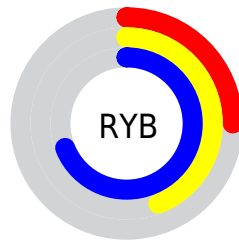
The RGB color **63, 153, 176** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **176, 86, 63**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **122, 207, 232**, and **0, 102, 123** is the 20% darker color. If you saturate the color by 10%, you get **45, 149, 176**, and if you desaturate by 10%, it is **81, 157, 176**.

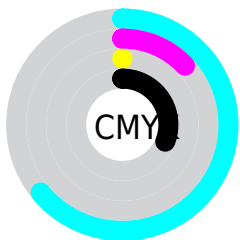
Distribution



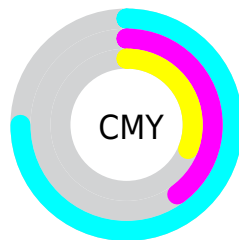
- Red (25%)
- Green (60%)
- Blue (69%)



- Red (25%)
- Yellow (44%)
- Blue (69%)



- Cyan (64%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)



- Cyan (75%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 63, 153, 176 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 63, 153, 176 by changing the saturation by 10% instead.



63, 153, 176



63, 153, 176

255, 255, 255



25, 127, 149



122, 207, 232



0, 102, 123



151, 236, 255



0, 78, 98



180, 255, 255



0, 55, 75



210, 255, 255



0, 33, 52



239, 255, 255



0, 2, 31



0, 0, 2



0, 0, 0



63, 153, 176



63, 153, 176

45, 149, 176

81, 157, 176

28, 146, 176

98, 160, 176

10, 142, 176

116, 164, 176

0, 140, 176

133, 167, 176

151, 171, 176

169, 174, 176

186, 178, 176

204, 182, 176

221, 185, 176

Harmonies

Analogous

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



65, 155, 154



63, 153, 176



91, 148, 189

Triad

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



63, 153, 176



183, 125, 155



146, 144, 94

Complementary

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



63, 153, 176



176, 86, 63

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.



169, 136, 95



63, 153, 176



191, 124, 130

Square

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



63, 153, 176



161, 131, 176



185, 128, 108



118, 151, 107

Rectangle

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



63, 153, 176



116, 143, 190



185, 128, 108



154, 142, 93

Sweetspot

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



63, 153, 176



186, 221, 230



63, 176, 86



88, 109, 115



242, 242, 242



115, 115, 115

Same Dimension

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



63, 153, 176



53, 194, 230



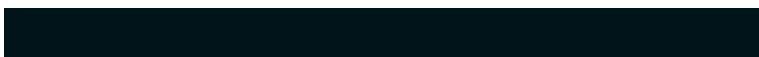
63, 97, 176



80, 87, 89



0, 122, 153



0, 20, 26

Inverse Universe

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



176, 63, 153



230, 53, 194



176, 142, 63



89, 80, 87



153, 0, 122



26, 0, 20

Previews

White Background



This preview shows how the RGB color 63, 153, 176 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 63, 153, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

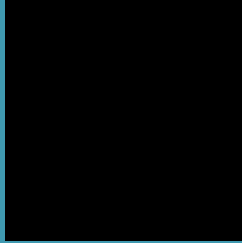
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 63, 153, 176 Background



This preview shows how black text looks on a background with the RGB color 63, 153, 176.



This preview shows how white text looks on a background with the RGB color 63, 153, 176.

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



Original Color
63, 153, 176

Protanopia
135, 140, 167

Deuteranopia
135, 138, 179



Tritanopia
58, 155, 167

Trichromacy



Original Color
63, 153, 176

Protanomaly
109, 145, 170

Deuteranomaly
109, 143, 178

Tritanomaly
60, 154, 170

Monochromacy



Original Color
63, 153, 176

Achromatopsia
129, 129, 129

Achromatomaly
105, 138, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 63, 153, 176 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(63, 153, 176)` looks like.

```
.text, #text, p{  
    color:rgb(63, 153, 176)  
}
```

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(63, 153, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 153, 176) }
```

Border

The CSS property to change the border of an element to RGB 63, 153, 176 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(63, 153, 176) }
```

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

```
.border{ border-color:rgb(63, 153, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 153, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 153, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 153, 176);  
box-shadow:4px 4px 4px 4px rgb(63, 153,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 63, 153, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 153, 176) }
```

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

```
.background{ background-color: rgb(63, 153,  
176) }
```

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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