

Converting Colors

RGB(31, 166, 191)

Have a look what the booklet for
RGB(31, 166, 191) contains.

RGB(31, 166, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(31, 166, 191)

Conversions

Conversions Part 1

Format	Color
Hex	1FA6BF
RGB	31, 166, 191
RGB Percent	12%, 65%, 75%
CMY	0.8784, 0.3490, 0.2510
CMYK	0.84, 0.13, 0.00, 0.25
HSL	189°, 72%, 44%
HSV	189°, 84%, 75%
XYZ	23.6053, 31.3253, 54.0925
YIQ	128.4850, -88.4850, -20.8450

Conversions

Conversions Part 2

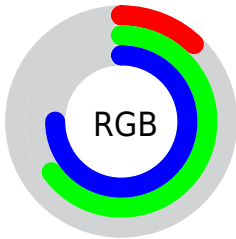
Format	Color
R_{YB}	31, 104, 191
Decimal	2074303
CIE _{Lab}	62.78, -25.29, -22.57
CIE _{LCh}	63, 33.895, 221.751
Yxy	31.3253, 0.2165, 0.2873
Android (android.graphics.Color)	4280264383 (0xFF1FA6BF)
YUV	128.4850, 30.8199, -85.4943
Hunter-Lab	55.9690, -22.6624, -18.1238

Details

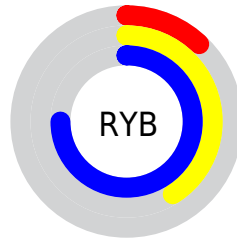
The RGB color **31, 166, 191** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **191, 56, 31**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **107, 221, 247**, and **0, 114, 138** is the 20% darker color. If you saturate the color by 10%, you get **12, 163, 191**, and if you desaturate by 10%, it is **50, 169, 191**.

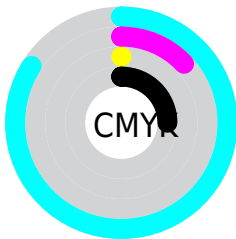
Distribution



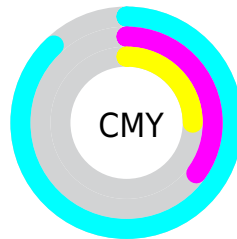
- Red (12%)
- Green (65%)
- Blue (75%)



- Red (12%)
- Yellow (41%)
- Blue (75%)



- Cyan (84%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)



















- Cyan (88%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 31, 166, 191 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 31, 166, 191 by changing the saturation by 10% instead.

 31, 166, 191	 31, 166, 191
 255, 255, 255	 0, 139, 164
 107, 221, 247	 0, 114, 138
 138, 250, 255	 0, 89, 112
 168, 255, 255	 0, 65, 88
 198, 255, 255	 0, 43, 64
 229, 255, 255	 0, 19, 42
	 0, 1, 21
	 0, 0, 0

 31, 166, 191	 31, 166, 191
--	--

■ 12, 163, 191

■ 50, 169, 191

■ 0, 161, 191

■ 69, 172, 191

■ 88, 175, 191

■ 107, 178, 191

■ 127, 181, 191

■ 146, 184, 191

■ 165, 187, 191

■ 184, 190, 191

■ 203, 193, 191

Harmonies

Analogous

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



48, 168, 163



31, 166, 191



77, 160, 208

Triad

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



31, 166, 191



199, 131, 171



160, 154, 92

Complementary

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



31, 166, 191



191, 56, 31

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.



188, 144, 95



31, 166, 191



211, 129, 141

Square

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



31, 166, 191



171, 140, 197



206, 134, 113



127, 162, 106

Rectangle

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



31, 166, 191



111, 154, 212



206, 134, 113



170, 151, 91

Sweetspot

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



31, 166, 191



186, 238, 247



31, 191, 55



87, 119, 125



252, 252, 252



125, 125, 125

Same Dimension

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



31, 166, 191



0, 209, 247



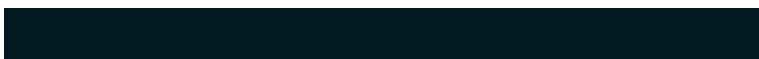
31, 87, 191



85, 93, 94



0, 133, 158



0, 26, 31

Inverse Universe

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



191, 31, 166



247, 0, 209



191, 135, 31



94, 85, 93



158, 0, 133



31, 0, 26

Previews

White Background



This preview shows how the RGB color 31, 166, 191 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 31, 166, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

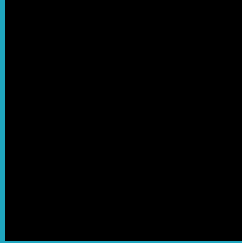
Any Text WCAG AA ✓ Pass

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 31, 166, 191 Background



This preview shows how black text looks on a background with the RGB color 31, 166, 191.



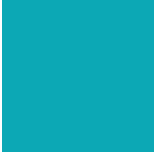
This preview shows how white text looks on a background with the RGB color 31, 166, 191.

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





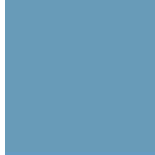
Tritanopia
12, 168, 181

Trichromacy



Original Color

31, 166, 191



Protanomaly

104, 155, 184



Deuteranomaly

102, 155, 194



Tritanomaly

19, 167, 185

Monochromacy



Original Color

31, 166, 191



Achromatopsia

128, 128, 128



Achromatomaly

93, 142, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 31, 166, 191 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(31, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(31, 166, 191)  
}
```

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(31, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 166, 191) }
```

Border

The CSS property to change the border of an element to RGB 31, 166, 191 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(31, 166, 191) }
```

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

```
.border{ border-color:rgb(31, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(31, 166,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 31, 166, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 166, 191) }
```

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

```
.background{ background-color: rgb(31, 166,  
191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor