Converting Colors

RGB(0, 158, 193)

Have a look what the booklet for RGB(0, 158, 193) contains.

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Color

RGB(0, 158, 193)

Conversions

Conversions Part 1

Format	Color
Hex	009EC1
RGB	0, 158, 193
RGB Percent	0%, 62%, 76%
CMY	1.0000, 0.3804, 0.2431
CMYK	1.00, 0.18, 0.00, 0.24
HSL	191°, 100%, 38%
HSV	191°, 100%, 76%
XYZ	21.8525, 28.3040, 54.7635
YIQ	114.7480, -105.4030, -22.6110

Conversions

Conversions Part 2

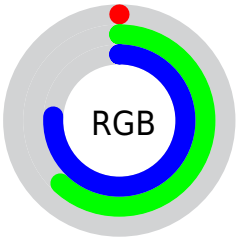
Format	Color
RYB	0, 87, 193
Decimal	40641
CIELab	60.16, -21.98, -27.74
CIELCh	60, 35.390, 231.608
Yxy	28.3040, 0.2083, 0.2698
Android (android.graphics.Color)	4278230721 (0xFF009EC1)
YUV	114.7480, 38.5782, -100.6340
Hunter-Lab	53.2015, -19.7837, -23.7898

Details

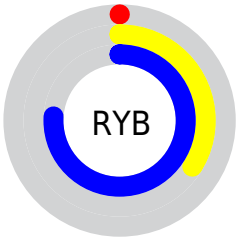
The RGB color 0, 158, 193 is a dark color, and the websafe version is hex 0099CC. The color can be described as dark washed azure. A complement of this color would be 193, 35, 0, and the grayscale version is 114, 114, 114.

A 20% lighter version of the original color is 98, 213, 250, and 0, 106, 139 is the 20% darker color. If you saturate the color by 10%, you get 0, 158, 193, and if you desaturate by 10%, it is 19, 162, 193.

Distribution

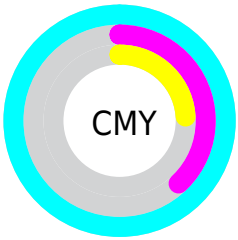


- Red (0%)
- Green (62%)
- Blue (76%)



- Red (0%)
- Yellow (34%)
- Blue (76%)

- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 158, 193 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 0, 158, 193 by changing the saturation by 10% instead.

0, 158, 193

255, 255, 255

98, 213, 250

130, 241, 255

161, 255, 255

191, 255, 255

222, 255, 255

253, 255, 255

0, 158, 193

0, 132, 166

0, 106, 139

0, 82, 114

0, 59, 89

0, 37, 65

0, 4, 44

0, 1, 22

0, 0, 0

0, 158, 193

19, 162, 193

39, 165, 193

58, 169, 193

77, 172, 193

97, 176, 193

116, 179, 193

135, 183, 193

154, 186, 193

174, 190, 193

Harmonies

Analogous

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

0, 161, 167

0, 158, 193

82, 151, 206

Triad

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

0, 158, 193

199, 121, 155

142, 150, 86

Complementary

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

0, 158, 193

193, 35, 0

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.

173, 140, 83

0, 158, 193

205, 122, 124

Square

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

0, 158, 193

176, 129, 184

195, 129, 97

106, 157, 105

Rectangle

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

0, 158, 193

119, 144, 206

195, 129, 97

153, 147, 83

Sweetspot

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

0, 158, 193

175, 236, 250

0, 193, 32

80, 117, 125

252, 252, 252

125, 125, 125

Same Dimension

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

0, 158, 193

0, 205, 250

0, 64, 193

87, 95, 97

0, 132, 161

0, 27, 33

Inverse Universe

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

193, 0, 158

250, 0, 205

193, 129, 0

97, 87, 95

161, 0, 132

33, 0, 27

Previews

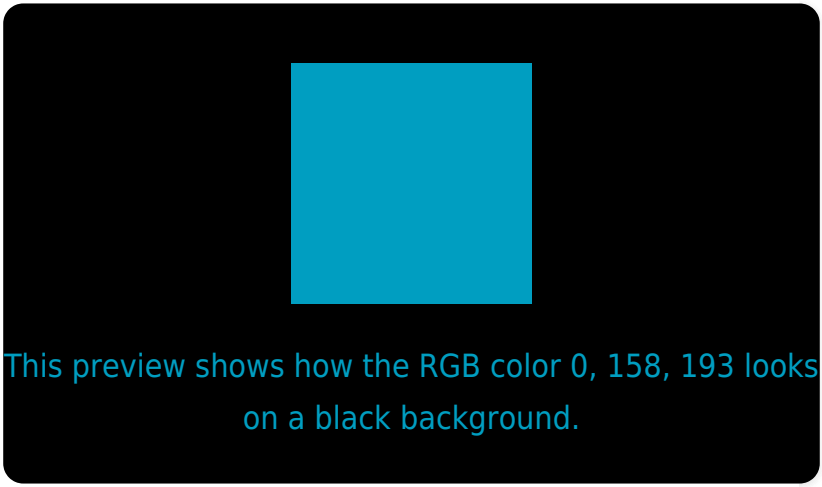
White Background

This preview shows how the RGB color 0, 158, 193 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



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 0, 158, 193 Background

This preview shows how black text looks on a background with the RGB color 0, 158, 193.

This preview shows how white text looks on a background with the RGB color 0, 158, 193.

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
0, 158, 193

Protanopia
135, 143, 182

Deuteranopia
128, 142, 197

Tritanopia
0, 160, 173

Trichromacy

Original Color
0, 158, 193

Protanomaly
86, 148, 186

Deuteranomaly
81, 148, 196

Tritanomaly
0, 159, 180

Monochromacy

Original Color
0, 158, 193

Achromatopsia
115, 115, 115

Achromatomaly
73, 131, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 158, 193 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(0, 158, 193) looks like.

```
.text, #text, p{
    color:rgb(0, 158, 193)
}
```

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(0, 158, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 193) }
```

Border

The CSS property to change the border of an element to RGB 0, 158, 193 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(0, 158, 193) }
```

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

```
.border{ border-color:rgb(0, 158, 193) }
```

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

Here you see how a box with a 4 pixel rgb(0, 158, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 158, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 158, 193); box-shadow:4px 4px 4px 4px rgb(0, 158, 193) }
```

Background

The CSS property to change the background color of an element to RGB 0, 158, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(0, 158, 193) }
```

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

```
.background{ background-color:rgb(0, 158, 193) }
```

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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