

Converting Colors

RGB(0, 158, 237)

Have a look what the booklet for
RGB(0, 158, 237) contains.

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Color

RGB(0, 158, 237)

Conversions

Conversions Part 1	
Format	Color
Hex	009EED
RGB	0, 158, 237
RGB Percent	0%, 62%, 93%
CMY	1.0000, 0.3804, 0.0706
CMYK	1.00, 0.33, 0.00, 0.07
HSL	200°, 100%, 46%
HSV	200°, 100%, 93%
XYZ	27.5129, 30.5681, 84.5709
YIQ	119.7640, -119.5270, -8.9270

Conversions

Conversions Part 2

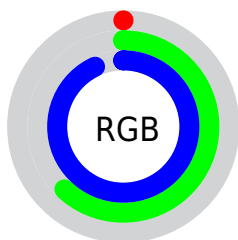
Format	Color
RYB	0, 95, 237
Decimal	40685
CIELab	62.14, -6.06, -49.12
CIELCh	62, 49.491, 262.962
Yxy	30.5681, 0.1929, 0.2143
Android (android.graphics.Color)	4278230765 (0xFF009EED)
YUV	119.7640, 57.7973, -105.0330
Hunter-Lab	55.2885, -7.9288, -51.9899

Details

The RGB color **0, 158, 237** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **237, 79, 0**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **108, 212, 255**, and **0, 107, 181** is the 20% darker color. If you saturate the color by 10%, you get **0, 158, 237**, and if you desaturate by 10%, it is **24, 166, 237**.

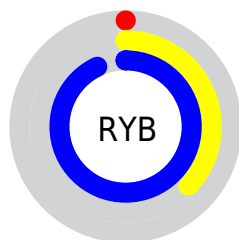
Distribution



Red (0%)

Green (62%)

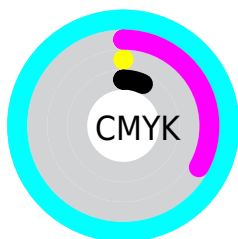
Blue (93%)



Red (0%)

Yellow (37%)

Blue (93%)

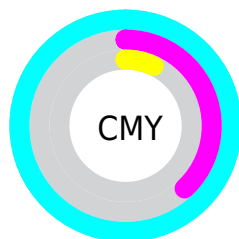


Cyan (100%)

Magenta (33%)

Yellow (0%)

Black (7%)



Cyan (100%)

Magenta (38%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 158, 237 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, 237 by changing the saturation by 10% instead.



0, 158, 237

255, 255, 255



108, 212, 255



141, 241, 255



173, 255, 255



205, 255, 255



236, 255, 255



0, 158, 237



0, 132, 208



0, 107, 181



0, 83, 153



0, 61, 127



0, 40, 102



0, 19, 77



0, 5, 53





0, 2, 31





0, 0, 3

 0, 158, 237

 24, 166, 237

 47, 174, 237

 71, 182, 237

 95, 190, 237

 118, 197, 237

 142, 205, 237

 166, 213, 237

 190, 221, 237

 213, 229, 237

Harmonies

Analogous

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



0, 168, 219



0, 158, 237



136, 143, 231

Triad

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



0, 158, 237



232, 115, 118



89, 167, 95

Complementary

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



0, 158, 237



237, 79, 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.



142, 158, 65



0, 158, 237



216, 128, 81

Square

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



0, 158, 237



226, 113, 162



184, 144, 60



0, 172, 138

Rectangle

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



0, 158, 237



178, 131, 215



184, 144, 60



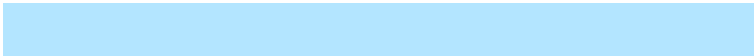
108, 164, 83

Sweetspot

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



0, 158, 237



179, 229, 255



0, 237, 79



82, 112, 128



0, 0, 0



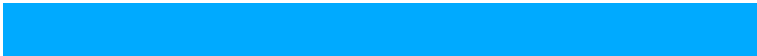
128, 128, 128

Same Dimension

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



0, 158, 237



0, 170, 255



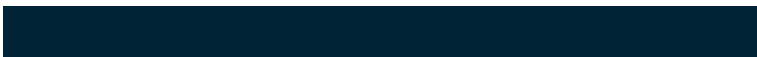
0, 40, 237



106, 113, 117



0, 121, 181



0, 36, 54

Inverse Universe

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



237, 0, 158



255, 0, 170



237, 197, 0



117, 106, 113



181, 0, 121



54, 0, 36

Previews

White Background



This preview shows how the RGB color 0, 158, 237 looks on a white background.

Color Contrast Check

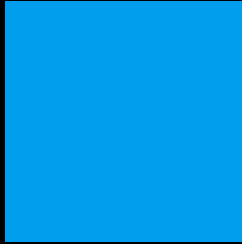
Large Text (above 18pt) WCAG AA × Fail

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 0, 158, 237 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

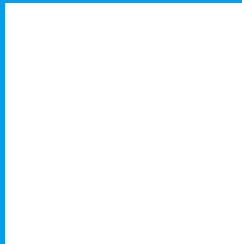
Any Text WCAG AAA ✓ Pass

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

RGB 0, 158, 237 Background



This preview shows how black text looks on a background with the RGB color 0, 158, 237.

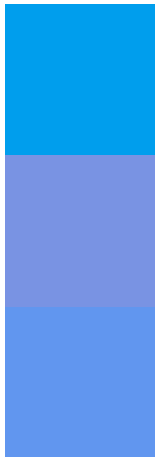


This preview shows how white text looks on a background with the RGB color 0, 158, 237.

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, 237

Protanopia
121, 147, 227

Deuteranopia
97, 150, 239



Tritanopia

0, 166, 178

Trichromacy



Original Color

0, 158, 237



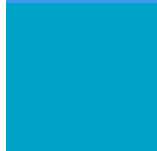
Protanomaly

77, 151, 231



Deuteranomaly

62, 153, 238



Tritanomaly

0, 163, 199

Monochromacy



Original Color

0, 158, 237



Achromatopsia

120, 120, 120



Achromatomaly

76, 134, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 158, 237 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, 237) looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 237) }
```

Border

The CSS property to change the border of an element to RGB 0, 158, 237 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, 237) }
```

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

```
.border{ border-color:rgb(0, 158, 237) }
```

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, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 0, 158, 237 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, 237) }
```

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

```
.background{ background-color: rgb(0, 158,  
237) }
```

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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