

Converting Colors

RGB(0, 193, 244)

Have a look what the booklet for
RGB(0, 193, 244) contains.

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Color

RGB(0, 193, 244)

Conversions

Conversions Part 1

Format	Color
Hex	00C1F4
RGB	0, 193, 244
RGB Percent	0%, 76%, 96%
CMY	1.0000, 0.2431, 0.0431
CMYK	1.00, 0.21, 0.00, 0.04
HSL	193°, 100%, 48%
HSV	193°, 100%, 96%
XYZ	35.3991, 44.6716, 92.3447
YIQ	141.1070, -131.3990, -25.0550

Conversions

Conversions Part 2

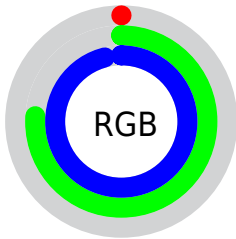
Format	Color
RYB	0, 108, 244
Decimal	49652
CIELab	72.68, -22.48, -36.42
CIELCh	73, 42.804, 238.318
Yxy	44.6716, 0.2053, 0.2591
Android (android.graphics.Color)	4278239732 (0xFF00C1F4)
YUV	141.1070, 50.7262, -123.7508
Hunter-Lab	66.8368, -22.4246, -35.1319

Details

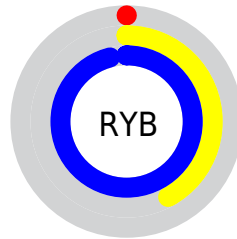
The RGB color **0, 193, 244** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **244, 51, 0**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **112, 250, 255**, and **0, 139, 188** is the 20% darker color. If you saturate the color by 10%, you get **0, 193, 244**, and if you desaturate by 10%, it is **24, 198, 244**.

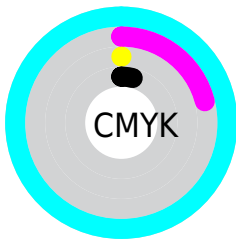
Distribution



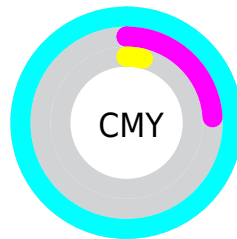
- Red (0%)
- Green (76%)
- Blue (96%)



- Red (0%)
- Yellow (42%)
- Blue (96%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)




















- Cyan (100%)
- Magenta (24%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the RGB color 0, 193, 244 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, 193, 244 by changing the saturation by 10% instead.

 0, 193, 244	 0, 193, 244
 255, 255, 255	 0, 166, 215
 112, 250, 255	 0, 139, 188
 146, 255, 255	 0, 114, 160
 178, 255, 255	 0, 89, 134
 210, 255, 255	 0, 65, 108
 242, 255, 255	 0, 43, 84
	 0, 21, 60
	 0, 3, 38
	 0, 1, 15

 0, 193, 244

 24, 198, 244

 49, 203, 244

 73, 208, 244

 98, 213, 244

 122, 219, 244

 146, 224, 244

 171, 229, 244

 195, 234, 244

 220, 239, 244

Harmonies

Analogous

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



0, 198, 214



0, 193, 244



114, 183, 255

Triad

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



0, 193, 244



250, 147, 182



165, 187, 108

Complementary

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



0, 193, 244



244, 51, 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.



205, 175, 99



0, 193, 244



253, 150, 143

Square

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



0, 193, 244



225, 155, 220



236, 161, 113



118, 195, 136

Rectangle

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



0, 193, 244



159, 174, 252



236, 161, 113



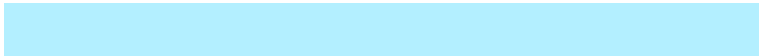
179, 184, 102

Sweetspot

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



0, 193, 244



179, 239, 255



0, 244, 49



82, 118, 128



0, 0, 0



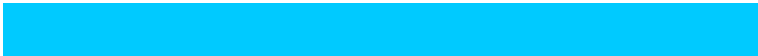
128, 128, 128

Same Dimension

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



0, 193, 244



0, 202, 255



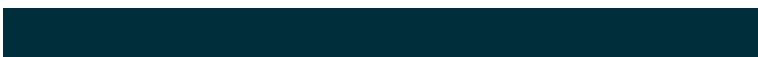
0, 73, 244



110, 120, 122



0, 147, 186



0, 46, 59

Inverse Universe

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



244, 0, 193



255, 0, 202



244, 171, 0



122, 110, 120



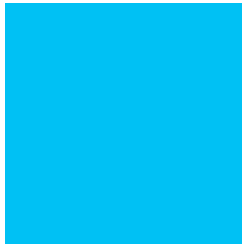
186, 0, 147



59, 0, 46

Previews

White Background



This preview shows how the RGB color 0, 193, 244 looks on a white background.

Color Contrast Check

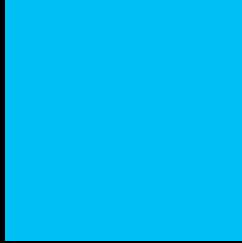
Large Text (above 18pt) WCAG AA × Fail

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, 193, 244 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, 193, 244 Background



This preview shows how black text looks on a background with the RGB color 0, 193, 244.

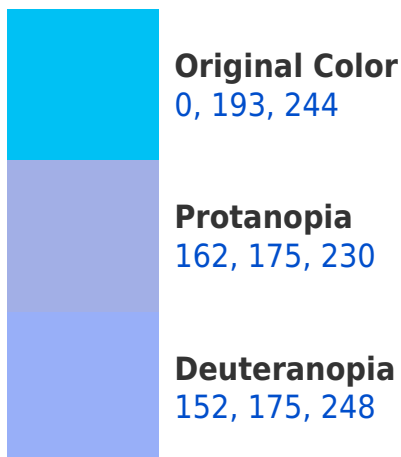


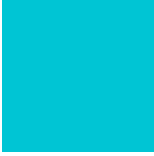
This preview shows how white text looks on a background with the RGB color 0, 193, 244.

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
0, 197, 212

Trichromacy



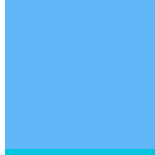
Original Color

0, 193, 244



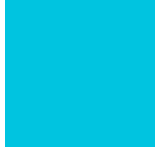
Protanomaly

103, 182, 235



Deuteranomaly

97, 182, 247



Tritanomaly

0, 196, 224

Monochromacy



Original Color

0, 193, 244



Achromatopsia

141, 141, 141



Achromatomaly

90, 160, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 193, 244 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, 193, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 244)  
}
```

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, 193, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 244) }
```

Border

The CSS property to change the border of an element to RGB 0, 193, 244 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, 193, 244) }
```

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

```
.border{ border-color:rgb(0, 193, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 193, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 193,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 0, 193, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 244) }
```

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

```
.background{ background-color: rgb(0, 193,  
244) }
```

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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