

Converting Colors

RGB(0, 171, 246)

Have a look what the booklet for
RGB(0, 171, 246) contains.

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Color

RGB(0, 171, 246)

Conversions

Conversions Part 1

Format	Color
Hex	00ABF6
RGB	0, 171, 246
RGB Percent	0%, 67%, 96%
CMY	1.0000, 0.3294, 0.0353
CMYK	1.00, 0.30, 0.00, 0.04
HSL	198°, 100%, 48%
HSV	198°, 100%, 96%
XYZ	31.1975, 35.7796, 92.4507
YIQ	128.4210, -125.9910, -12.9270

Conversions

Conversions Part 2

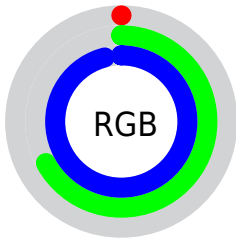
Format	Color
RYB	0, 101, 246
Decimal	44022
CIELab	66.35, -10.06, -47.40
CIELCh	66, 48.456, 258.019
Yxy	35.7796, 0.1957, 0.2244
Android (android.graphics.Color)	4278234102 (0xFF00ABF6)
YUV	128.4210, 57.9664, -112.6252
Hunter-Lab	59.8161, -11.5803, -49.7663

Details

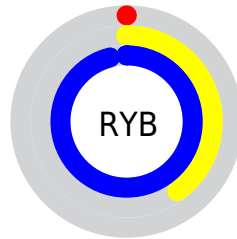
The RGB color **0, 171, 246** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **246, 75, 0**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **110, 226, 255**, and **0, 119, 189** is the 20% darker color. If you saturate the color by 10%, you get **0, 171, 246**, and if you desaturate by 10%, it is **25, 179, 246**.

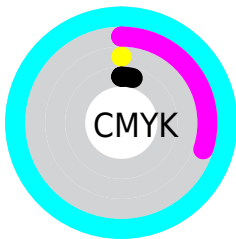
Distribution



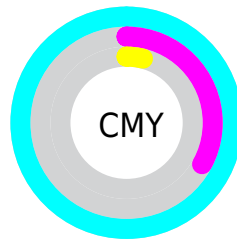
- Red (0%)
- Green (67%)
- Blue (96%)



- Red (0%)
- Yellow (40%)
- Blue (96%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)




















- Cyan (100%)
- Magenta (33%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 171, 246 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, 171, 246 by changing the saturation by 10% instead.

 0, 171, 246	 0, 171, 246
 255, 255, 255	 0, 145, 217
 110, 226, 255	 0, 119, 189
 144, 255, 255	 0, 95, 162
 177, 255, 255	 0, 71, 135
 208, 255, 255	 0, 49, 110
 240, 255, 255	 0, 30, 85
	 0, 6, 61
	 0, 3, 38
	 0, 1, 15

■ 0, 171, 246

■ 25, 179, 246

■ 49, 186, 246

■ 74, 194, 246

■ 98, 201, 246

■ 123, 209, 246

■ 148, 216, 246

■ 172, 224, 246

■ 197, 231, 246

■ 221, 239, 246

Harmonies

Analogous

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



0, 180, 225



0, 171, 246



136, 157, 244

Triad

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



0, 171, 246



243, 126, 137



111, 177, 101

Complementary

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



0, 171, 246



246, 75, 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.



161, 167, 75



0, 171, 246



231, 137, 98

Square

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



0, 171, 246



233, 127, 181



202, 153, 74



27, 182, 142

Rectangle

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



0, 171, 246



180, 145, 230



202, 153, 74



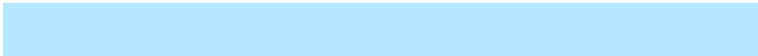
129, 174, 90

Sweetspot

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



0, 171, 246



179, 232, 255



0, 246, 74



82, 114, 128



0, 0, 0



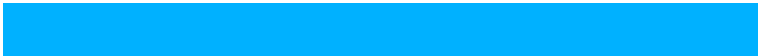
128, 128, 128

Same Dimension

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



0, 171, 246



0, 177, 255



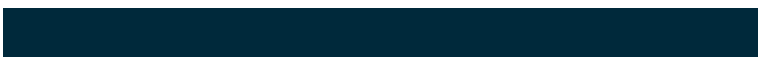
0, 49, 246



110, 119, 122



0, 129, 186



0, 41, 59

Inverse Universe

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



246, 0, 171



255, 0, 177



246, 197, 0



122, 110, 119



186, 0, 129



59, 0, 41

Previews

White Background



This preview shows how the RGB color 0, 171, 246 looks on a white background.

Color Contrast Check

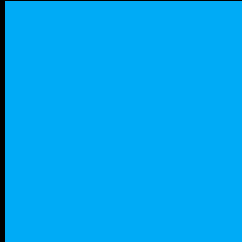
Large Text (above 18pt) WCAG AA × Fail

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, 171, 246 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

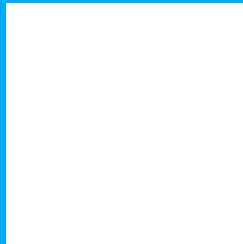
Any Text WCAG AAA ✓ Pass

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

RGB 0, 171, 246 Background



This preview shows how black text looks on a background with the RGB color 0, 171, 246.

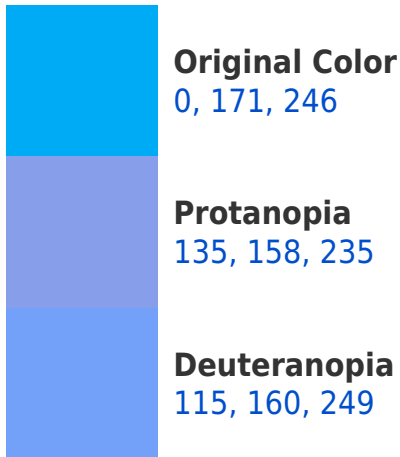


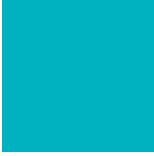
This preview shows how white text looks on a background with the RGB color 0, 171, 246.

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, 178, 191

Trichromacy



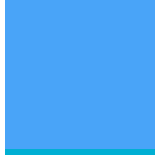
Original Color

0, 171, 246



Protanomaly

86, 163, 239



Deuteranomaly

73, 164, 248



Tritanomaly

0, 175, 211

Monochromacy



Original Color

0, 171, 246



Achromatopsia

128, 128, 128



Achromatomaly

81, 144, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 171, 246 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, 171, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 246)  
}
```

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, 171, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 246) }
```

Border

The CSS property to change the border of an element to RGB 0, 171, 246 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, 171, 246) }
```

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

```
.border{ border-color:rgb(0, 171, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 171, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 0, 171, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 246) }
```

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

```
.background{ background-color: rgb(0, 171,  
246) }
```

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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