

# Converting Colors

Hex(00B6F5)

Have a look what the booklet for  
Hex(00B6F5) contains.

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# **Color**

**Hex(00B6F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B6F5
RGB	0, 182, 245
RGB Percent	0%, 71%, 96%
CMY	1.0000, 0.2863, 0.0392
CMYK	1.00, 0.26, 0.00, 0.04
HSL	195°, 100%, 48%
HSV	195°, 100%, 96%
XYZ	33.2094, 40.0485, 92.3660
YIQ	134.7640, -128.6950, -18.9910

# Conversions

## Conversions Part 2

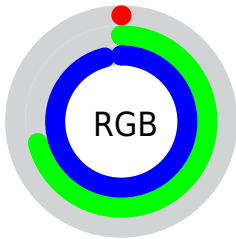
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 245
Decimal	46837
CIELab	69.50, -16.39, -41.91
CIELCh	70, 44.997, 248.641
Yxy	40.0485, 0.2005, 0.2418
Android (android.graphics.Color)	4278236917 (0xFF00B6F5)
YUV	134.7640, 54.3463, -118.1880
Hunter-Lab	63.2839, -17.0756, -42.2381

# Details

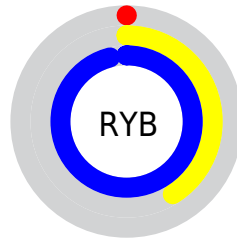
The Hex color **00B6F5** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F53F00**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6FEEFF**, and **0081BC** is the 20% darker color. If you saturate the color by 10%, you get **00B6F5**, and if you desaturate by 10%, it is **18BCF5**.

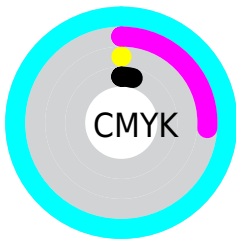
# Distribution



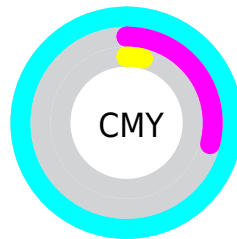
- Red (0%)
- Green (71%)
- Blue (96%)



- Red (0%)
- Yellow (41%)
- Blue (96%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (29%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B6F5 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 Hex color 00B6F5 by changing the saturation by 10% instead.



 00B6F5

FFFFFF

 6FEEFF

 91FFFF

 B1FFFF

 D1FFFF

 F1FFFF

 00B6F5

 009BD8

 0081BC

 0068A1

 005087

 00396D

 002454

 00063D

 000326

 00010F

 00B6F5

 18BCF5

 31C3F5

 4AC9F5

 62CFF5

 7BD6F5

 93DCF5

 ABE2F5

 C4E8F5

 DDEFF5

# Harmonies

## Analogous

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



00BDDB



00B6F5



7EAAFA

# Triad

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



00B6F5



F7889F



8CB668

# Complementary

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



00B6F5



F53F00

# 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.



B8AB57



00B6F5



F28F79

# Square

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



00B6F5



E68DC8



DB9D5E



55BD8B

# Rectangle

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



00B6F5



AAA0F1



DB9D5E



9BB360

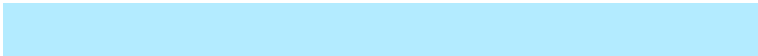


# Sweetspot

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



00B6F5



B3EBFF



00F53D



527480



000000



808080

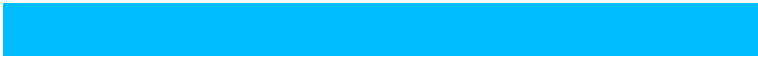


# Same Dimension

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



00B6F5



00BDFF



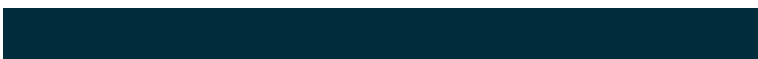
003DF5



6E777A



008ABA



002C3B



# Inverse Universe

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



F500B6



FF00BD



F5B800



7A6E77



BA008A

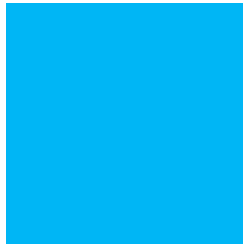


3B002C



# Previews

## White Background



This preview shows how the Hex color 00B6F5 looks on a white background.

## Color Contrast Check

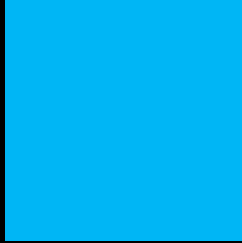
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 00B6F5 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](#).



## Hex 00B6F5 Background



This preview shows how black text looks on a background with the Hex color 00B6F5.



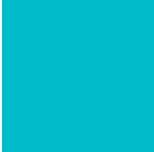
This preview shows how white text looks on a background with the Hex color 00B6F5.

# 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**  
00BBCA

# Trichromacy



**Original Color**  
00B6F5



**Protanomaly**  
5FACED



**Deuteranomaly**  
55ACF7



**Tritanomaly**  
00B9DA

# Monochromacy



**Original Color**  
00B6F5



**Achromatopsia**  
878787



**Achromatomaly**  
5698AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B6F5 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 #00B6F5 looks like.

```
.text, #text, p{  
    color:#00B6F5  
}
```

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 #00B6F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B6F5
}
```

## Border

The CSS property to change the border of an element to Hex 00B6F5 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
#00B6F5 }
```

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

```
.border{ border-color:#00B6F5 }
```

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

Here you see how a box with a 4 pixel #00B6F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B6F5; -webkit-box-shadow:4px 4px  
4px 4px #00B6F5; box-shadow:4px 4px 4px  
4px #00B6F5 }
```

# Background

The CSS property to change the background color of an element to Hex 00B6F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B6F5 }
```

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

```
.background{ background-color:#00B6F5 }
```

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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