

# Converting Colors

Hex(00B1F7)

Have a look what the booklet for  
Hex(00B1F7) contains.

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# Color

**Hex(00B1F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B1F7
RGB	0, 177, 247
RGB Percent	0%, 69%, 97%
CMY	1.0000, 0.3059, 0.0314
CMYK	1.00, 0.28, 0.00, 0.03
HSL	197°, 100%, 48%
HSV	197°, 100%, 97%
XYZ	32.5106, 38.1597, 93.6478
YIQ	132.0570, -127.9620, -15.7540

# Conversions

## Conversions Part 2

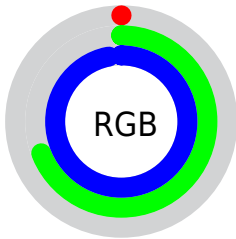
Format	Color
<b>RYB</b>	0, 103, 247
Decimal	45559
CIELab	68.14, -12.99, -45.13
CIELCh	68, 46.965, 253.945
Yxy	38.1597, 0.1979, 0.2322
Android (android.graphics.Color)	4278235639 (0xFF00B1F7)
YUV	132.0570, 56.6669, -115.8140
Hunter-Lab	61.7735, -14.1613, -46.6413

# Details

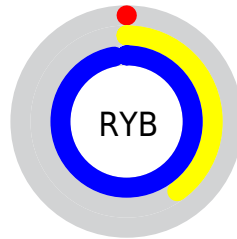
The Hex color **00B1F7** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle saturated azure. A complement of this color would be **F74600**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6FE9FF**, and **007DBE** is the 20% darker color. If you saturate the color by 10%, you get **00B1F7**, and if you desaturate by 10%, it is **19B8F7**.

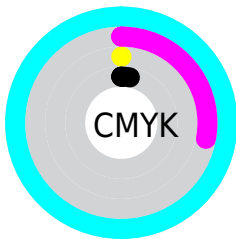
# Distribution



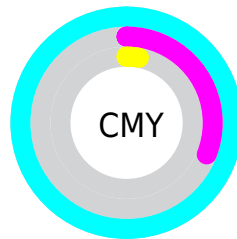
- Red (0%)
- Green (69%)
- Blue (97%)



- Red (0%)
- Yellow (40%)
- Blue (97%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (31%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B1F7 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 00B1F7 by changing the saturation by 10% instead.



 00B1F7

FFFFFF

 6FE9FF

 91FFFF

 B1FFFF

 D1FFFF

 F1FFFF

 00B1F7

 0096DA

 007DBE

 0064A3

 004C88

 00366F

 002156

 00063E

 000327

 000111

 00B1F7

 19B8F7

 31BFF7

 4AC6F7

 63CDF7

 7CD4F7

 94DBF7

 ADE2F7

 C6E9F7

 DEF0F7

# Harmonies

## Analogous

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



00B9E0



00B1F7



84A4F8

# Triad

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



00B1F7



F78394



7DB467

# Complementary

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



00B1F7



F74600

# 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.



ADAA51



00B1F7



EE8D6D

# Square

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



00B1F7



E986BF



D39C54



3DBA8D

# Rectangle

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



00B1F7



B199ED



D39C54



8EB15D

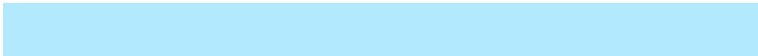


# Sweetspot

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



00B1F7



B3E9FF



00F746



527280



000000



808080

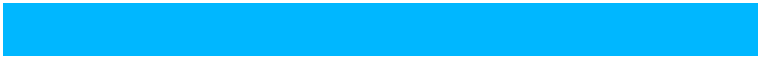


# Same Dimension

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



00B1F7



00B7FF



0036F7



6E777A



0085BA



002A3B



# Inverse Universe

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



F700B1



FF00B7



F7C100



7A6E77



BA0085

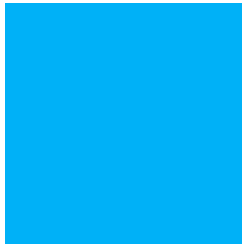


3B002A



# Previews

## White Background



This preview shows how the Hex color 00B1F7 looks on a white background.

## Color Contrast Check

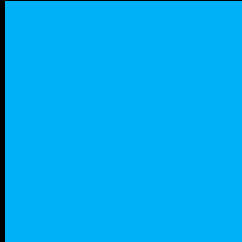
Large Text (above 18pt) WCAG AA × Fail

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 00B1F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

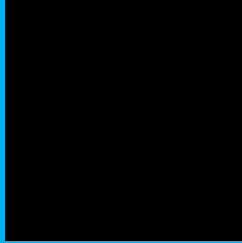
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

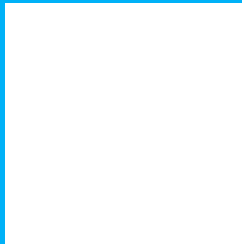
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00B1F7 Background



This preview shows how black text looks on a background with the Hex color 00B1F7.

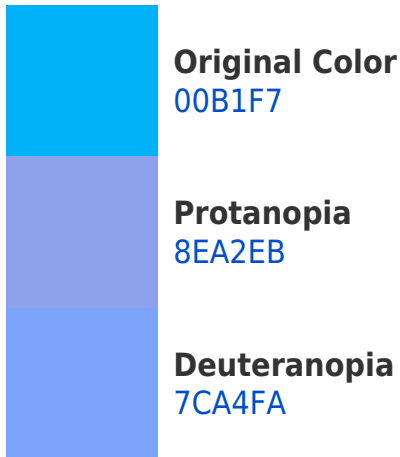


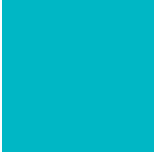
This preview shows how white text looks on a background with the Hex color 00B1F7.

# 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](#).

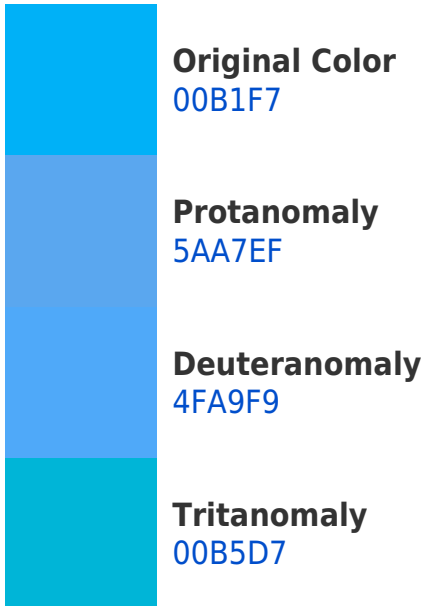
## Dichromacy



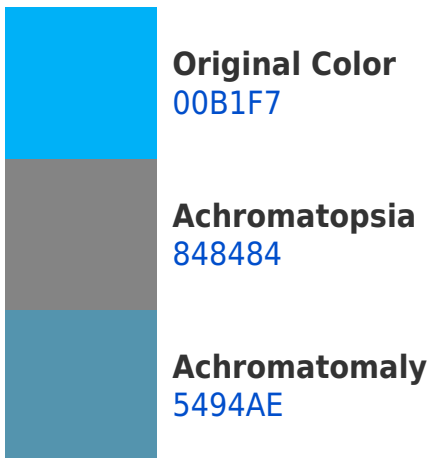


**Tritanopia**  
00B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B1F7 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 #00B1F7 looks like.

```
.text, #text, p{  
    color:#00B1F7  
}
```

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 #00B1F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B1F7
}
```

## Border

The CSS property to change the border of an element to Hex 00B1F7 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
#00B1F7 }
```

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

```
.border{ border-color:#00B1F7 }
```

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

Here you see how a box with a 4 pixel #00B1F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B1F7; -webkit-box-shadow:4px 4px  
4px 4px #00B1F7; box-shadow:4px 4px 4px  
4px #00B1F7 }
```

# Background

The CSS property to change the background color of an element to Hex 00B1F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B1F7 }
```

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

```
.background{ background-color:#00B1F7 }
```

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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