

# Converting Colors

Hex(00B8FA)

Have a look what the booklet for  
Hex(00B8FA) contains.

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# **Color**

**Hex(00B8FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B8FA
RGB	0, 184, 250
RGB Percent	0%, 72%, 98%
CMY	1.0000, 0.2784, 0.0196
CMYK	1.00, 0.26, 0.00, 0.02
HSL	196°, 100%, 49%
HSV	196°, 100%, 98%
XYZ	34.3958, 41.1831, 96.5788
YIQ	136.5080, -130.8500, -18.4820

# Conversions

## Conversions Part 2

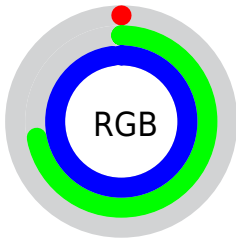
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 106, 250
Decimal	47354
CIELab	70.30, -15.69, -43.36
CIELCh	70, 46.115, 250.106
Yxy	41.1831, 0.1998, 0.2392
Android (android.graphics.Color)	4278237434 (0xFF00B8FA)
YUV	136.5080, 55.9516, -119.7175
Hunter-Lab	64.1741, -16.6328, -44.3066

# Details

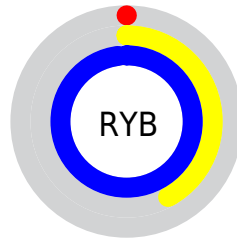
The Hex color **00B8FA** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FA4200**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **70F0FF**, and **0083C1** is the 20% darker color. If you saturate the color by 10%, you get **00B8FA**, and if you desaturate by 10%, it is **19BFFA**.

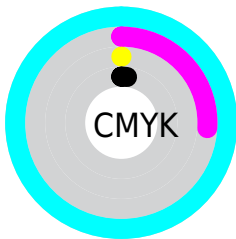
# Distribution



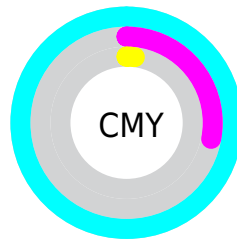
- Red (0%)
- Green (72%)
- Blue (98%)



- Red (0%)
- Yellow (42%)
- Blue (98%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (28%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B8FA 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 00B8FA by changing the saturation by 10% instead.



 00B8FA

 00B8FA

FFFFFF

 009DDD

 70F0FF

 0083C1

 92FFFF

 006AA6

 B3FFFF

 00528B

 D3FFFF

 003B71

 F3FFFF

 002658

 000941

 00032A

 000114

 00B8FA

 19BFFA

 32C5FA

 4BCCFA

 64D2FA

 7DD9FA

 96E0FA

 AFE6FA

 C8EDFA

 E1F3FA

# Harmonies

## Analogous

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



00BFE1



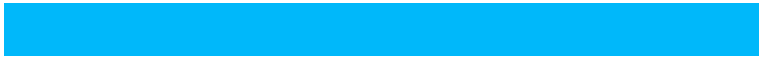
00B8FA



82ABFE

# Triad

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



00B8FA



FC8A9F



8AB96A

# Complementary

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



00B8FA



FA4200

# 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.



B8AE57



00B8FA



F59178

# Square

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



00B8FA



EB8EC9



DDA05D



51C08E

# Rectangle

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



00B8FA



AFA1F4



DDA05D



9BB661

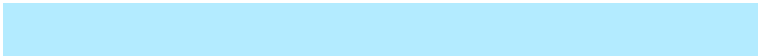


# Sweetspot

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



00B8FA



B3EBFF



00FA3F



527380



000000



808080

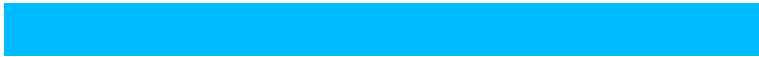


# Same Dimension

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



00B8FA



00BCFF



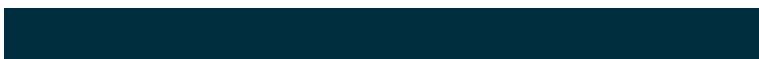
003FFA



707A7D



008BBD



002D3D



# Inverse Universe

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



FA00B8



FF00BC



FABB00



7D707A



BD008B

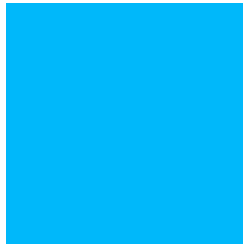


3D002D



# Previews

## White Background



This preview shows how the Hex color 00B8FA looks on a white background.

## Color Contrast Check

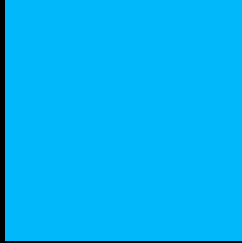
Large Text (above 18pt) WCAG AA × Fail

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 00B8FA 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

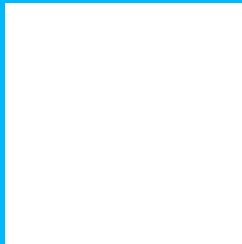
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00B8FA Background



This preview shows how black text looks on a background with the Hex color 00B8FA.

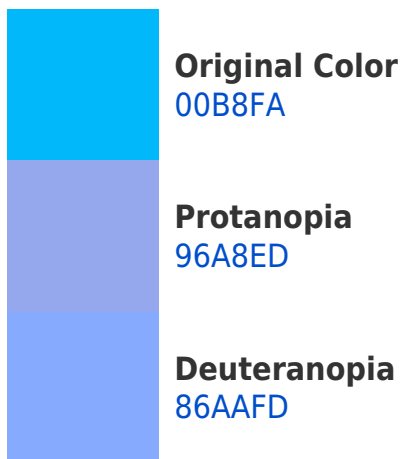


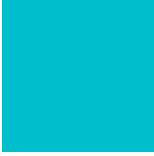
This preview shows how white text looks on a background with the Hex color 00B8FA.

# 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





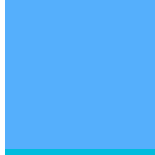
# Trichromacy



**Original Color**  
00B8FA



**Protanomaly**  
5FAEF2



**Deuteranomaly**  
55AFFC



**Tritanomaly**  
00BCDD

# Monochromacy



**Original Color**  
00B8FA



**Achromatopsia**  
898989



**Achromatomaly**  
579AB2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B8FA 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 #00B8FA looks like.

```
.text, #text, p{  
    color:#00B8FA  
}
```

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 #00B8FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B8FA
}
```

## Border

The CSS property to change the border of an element to Hex 00B8FA 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
#00B8FA }
```

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

```
.border{ border-color:#00B8FA }
```

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

Here you see how a box with a 4 pixel #00B8FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B8FA; -webkit-box-shadow:4px 4px  
4px 4px #00B8FA; box-shadow:4px 4px 4px  
4px #00B8FA }
```

# Background

The CSS property to change the background color of an element to Hex 00B8FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B8FA }
```

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

```
.background{ background-color:#00B8FA }
```

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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