

# Converting Colors

Hex(00BAFC)

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

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# **Color**

**Hex(00BAFC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BAFC
RGB	0, 186, 252
RGB Percent	0%, 73%, 99%
CMY	1.0000, 0.2706, 0.0118
CMYK	1.00, 0.26, 0.00, 0.01
HSL	196°, 100%, 49%
HSV	196°, 100%, 99%
XYZ	35.1296, 42.1461, 98.3789
YIQ	137.9100, -132.0420, -18.9060

# Conversions

## Conversions Part 2

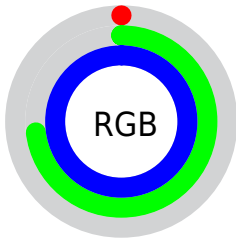
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 107, 252
Decimal	47868
CIELab	70.97, -16.05, -43.40
CIELCh	71, 46.273, 249.701
Yxy	42.1461, 0.2000, 0.2399
Android (android.graphics.Color)	4278237948 (0xFF00BAFC)
YUV	137.9100, 56.2464, -120.9471
Hunter-Lab	64.9200, -17.0199, -44.4033

# Details

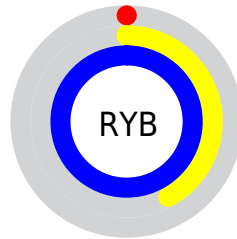
The Hex color **00BAFC** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FC4200**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **71F2FF**, and **0085C3** is the 20% darker color. If you saturate the color by 10%, you get **00BAFC**, and if you desaturate by 10%, it is **19C1FC**.

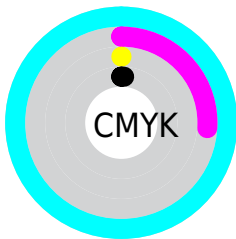
# Distribution



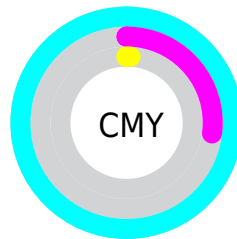
- Red (0%)
- Green (73%)
- Blue (99%)



- Red (0%)
- Yellow (42%)
- Blue (99%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (27%)
- Yellow (1%)

# Brightness & Saturation Gradients

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



 00BAFC

FFFFFF

 71F2FF

 93FFFF

 B3FFFF

 D4FFFF

 F3FFFF

 00BAFC

 009FDF

 0085C3

 006CA8

 00548D

 003D73

 00275A

 000D42

 00032B

 000116

 00BAFC

 19C1FC

 32C7FC

 4CCEFC

 65D4FC

 7EDBFC

 97E2FC

 B0E8FC

 CAEFC

 E3F5FC

# Harmonies

## Analogous

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



00C1E2



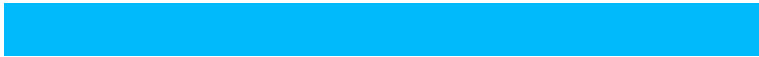
00BAFC



83ADFF

# Triad

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



00BAFC



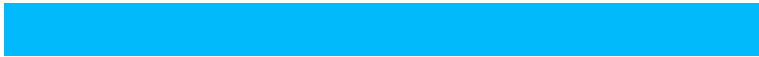
FE8BA1



8DBB6B

# Complementary

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



00BAFC



FC4200

# 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.



BAB058



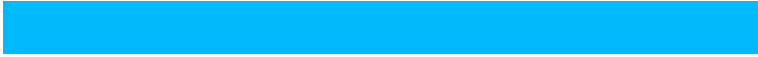
00BAFC



F8937A

# Square

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



00BAFC



ED90CC



E0A15F



53C18F

# Rectangle

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



00BAFC



B0A3F7



E0A15F



9DB862

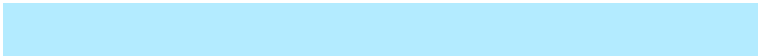


# Sweetspot

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



00BAFC



B3EBFF



00FC3F



527380



000000



808080

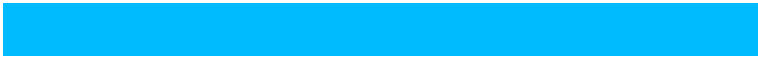


# Same Dimension

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



00BAFC



00BCFF



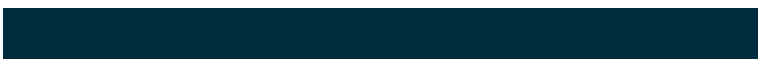
003FFC



707A7D



008BBD



002D3D



# Inverse Universe

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



FC00BA



FF00BC



FCBD00



7D707A



BD008B



3D002D



# Previews

## White Background



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

## Color Contrast Check

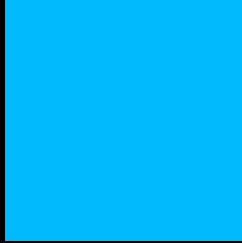
Large Text (above 18pt) WCAG AA × Fail

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 00BAFC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

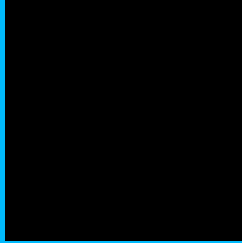
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

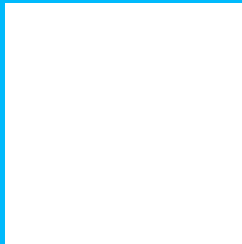
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00BAFC Background



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



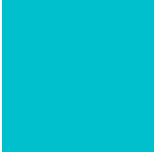
This preview shows how white text looks on a background with the Hex color 00BAFC.

# 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



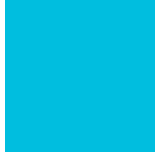
**Original Color**  
00BAFC



**Protanomaly**  
61B0F4



**Deuteranomaly**  
57B0FE



**Tritanomaly**  
00BEDF

# Monochromacy



**Original Color**  
00BAFC



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
589BB3

# CSS Examples

## Text

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

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

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 #00BAFC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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