

Converting Colors

Hex(00B6F8)

Have a look what the booklet for
Hex(00B6F8) contains.

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Color

Hex(00B6F8)

Conversions

Conversions Part 1

Format	Color
Hex	00B6F8
RGB	0, 182, 248
RGB Percent	0%, 71%, 97%
CMY	1.0000, 0.2863, 0.0275
CMYK	1.00, 0.27, 0.00, 0.03
HSL	196°, 100%, 49%
HSV	196°, 100%, 97%
XYZ	33.6712, 40.2332, 94.7981
YIQ	135.1060, -129.6580, -18.0580

Conversions

Conversions Part 2

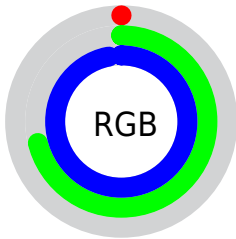
Format	Color
RYB	0, 105, 248
Decimal	46840
CIELab	69.64, -15.33, -43.33
CIELCh	70, 45.960, 250.516
Yxy	40.2332, 0.1996, 0.2385
Android (android.graphics.Color)	4278236920 (0xFF00B6F8)
YUV	135.1060, 55.6567, -118.4880
Hunter-Lab	63.4297, -16.2463, -44.2104

Details

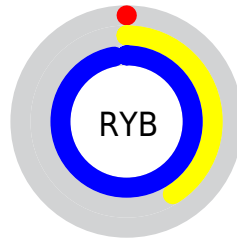
The Hex color **00B6F8** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F84200**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6FEEFF**, and **0081BF** is the 20% darker color. If you saturate the color by 10%, you get **00B6F8**, and if you desaturate by 10%, it is **19BDF8**.

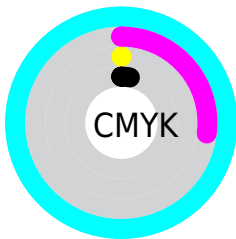
Distribution



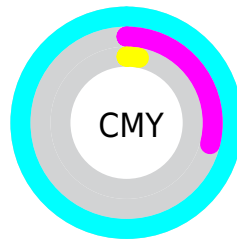
- Red (0%)
- Green (71%)
- Blue (97%)



- Red (0%)
- Yellow (41%)
- Blue (97%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (29%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B6F8 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 00B6F8 by changing the saturation by 10% instead.

 00B6F8

 00B6F8

FFFFFF

 009BDB

 6FEEFF

 0081BF

 92FFFF

 0068A4

 B2FFFF

 005089

 D2FFFF

 003970

 F2FFFF

 002457

 00063F

 000328

 000112

 00B6F8

 19BDF8

 32C3F8

 4ACAF8

 63D0F8

 7CD7F8

 95DEF8

 AEE4F8

 C6EBF8

 DFF1F8

Harmonies

Analogous

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



00BDDF



00B6F8



81A9FC

Triad

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



00B6F8



F9889D



88B769

Complementary

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



00B6F8



F84200

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.



B6AC56



00B6F8



F39076

Square

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



00B6F8



E98CC7



DA9E5B



4EBE8D

Rectangle

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



00B6F8



AE9FF2



DA9E5B



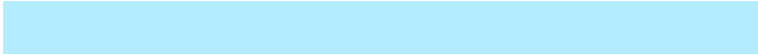
98B460

Sweetspot

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



00B6F8



B3EBFF



00F83E



527380



000000



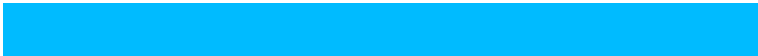
808080

Same Dimension

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



00B6F8



00BBFF



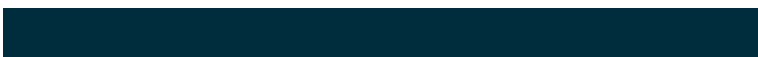
003EF8



707A7D



008ABD



002D3D

Inverse Universe

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



F800B6



FF00BB



F8BA00



7D707A



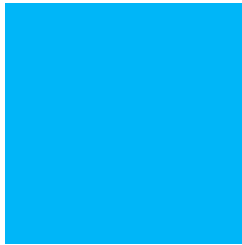
BD008A



3D002D

Previews

White Background



This preview shows how the Hex color 00B6F8 looks on a white background.

Color Contrast Check

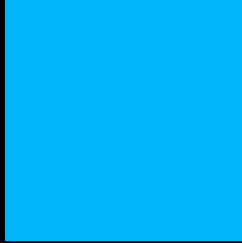
Large Text (above 18pt) WCAG AA × Fail

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 00B6F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

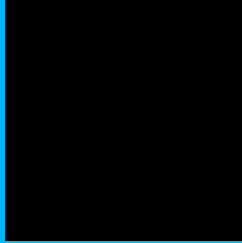
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

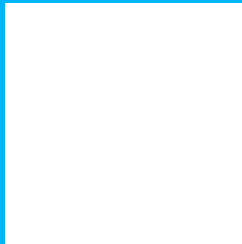
Any Text WCAG AAA ✓ Pass

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

Hex 00B6F8 Background



This preview shows how black text looks on a background with the Hex color 00B6F8.

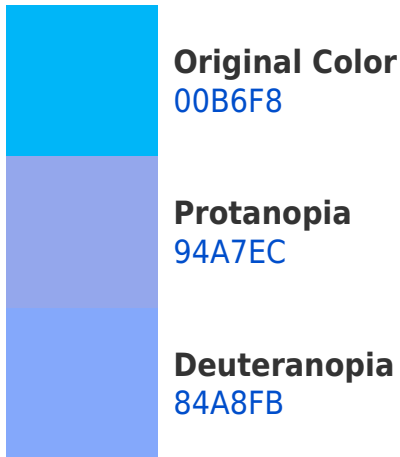


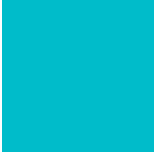
This preview shows how white text looks on a background with the Hex color 00B6F8.

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
00BCCA

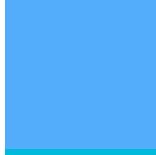
Trichromacy



Original Color
00B6F8



Protanomaly
5EACF0



Deuteranomaly
54ADFA



Tritanomaly
00BADB

Monochromacy



Original Color
00B6F8



Achromatopsia
878787



Achromatomaly
5698B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B6F8 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 #00B6F8 looks like.

```
.text, #text, p{  
    color:#00B6F8  
}
```

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 #00B6F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B6F8  
}
```

Border

The CSS property to change the border of an element to Hex 00B6F8 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  
#00B6F8 }
```

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

```
.border{ border-color:#00B6F8 }
```

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

Here you see how a box with a 4 pixel #00B6F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B6F8; -webkit-box-shadow:4px 4px  
4px 4px #00B6F8; box-shadow:4px 4px 4px  
4px #00B6F8 }
```

Background

The CSS property to change the background color of an element to Hex 00B6F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B6F8 }
```

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

```
.background{ background-color:#00B6F8 }
```

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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