

Converting Colors

Hex(00B6FB)

Have a look what the booklet for
Hex(00B6FB) contains.

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Color

Hex(00B6FB)

Conversions

Conversions Part 1

Format	Color
Hex	00B6FB
RGB	0, 182, 251
RGB Percent	0%, 71%, 98%
CMY	1.0000, 0.2863, 0.0157
CMYK	1.00, 0.27, 0.00, 0.02
HSL	196°, 100%, 49%
HSV	196°, 100%, 98%
XYZ	34.1405, 40.4209, 97.2694
YIQ	135.4480, -130.6210, -17.1250

Conversions

Conversions Part 2

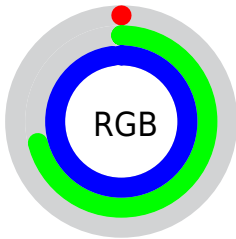
Format	Color
R _{YB}	0, 106, 251
Decimal	46843
CIE _{Lab}	69.77, -14.27, -44.74
CIE _{LCh}	70, 46.963, 252.315
Yxy	40.4209, 0.1987, 0.2352
Android (android.graphics.Color)	4278236923 (0xFF00B6FB)
YUV	135.4480, 56.9671, -118.7879
Hunter-Lab	63.5775, -15.4076, -46.2057

Details

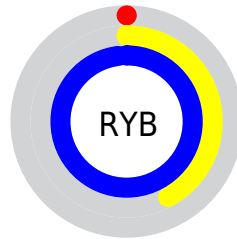
The Hex color **00B6FB** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FB4500**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **70EEFF**, and **0081C2** is the 20% darker color. If you saturate the color by 10%, you get **00B6FB**, and if you desaturate by 10%, it is **19BDFB**.

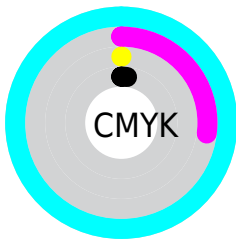
Distribution



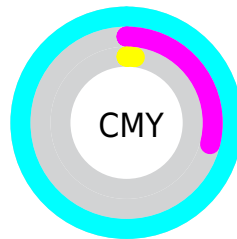
- Red (0%)
- Green (71%)
- Blue (98%)



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



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (29%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B6FB 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 00B6FB by changing the saturation by 10% instead.

 00B6FB

FFFFFF

 70EEFF

 92FFFF

 B3FFFF

 D3FFFF

 F3FFFF

 00B6FB

 009BDE

 0081C2

 0068A7

 00508C

 003A72

 002459

 000741

 00032A

 000115

 00B6FB

 19BDFB

 32C4FB

 4BCBFB

 64D2FB

 7ED9FB

 97DFFB

 B0E6FB

 C9EDFB

 E2F4FB

Harmonies

Analogous

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



00BEE3



00B6FB



85A9FE

Triad

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



00B6FB



FC889A



84B869

Complementary

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



00B6FB



FB4500

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.



B3AE55



00B6FB



F49073

Square

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



00B6FB



ED8BC5



DA9F59



47BF8F

Rectangle

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



00B6FB



B29EF3



DA9F59



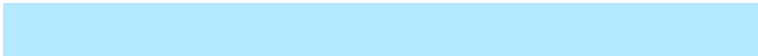
95B560

Sweetspot

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



00B6FB



B3EAFF



00FB43



527380



000000



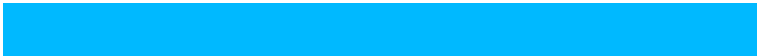
808080

Same Dimension

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



00B6FB



00B9FF



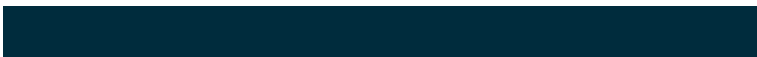
003BFB



707A7D



0089BD



002C3D

Inverse Universe

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



FB00B6



FF00B9



FBC000



7D707A



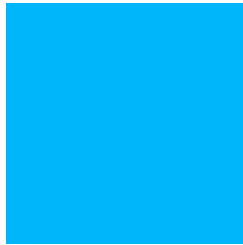
BD0089



3D002C

Previews

White Background



This preview shows how the Hex color 00B6FB looks on a white background.

Color Contrast Check

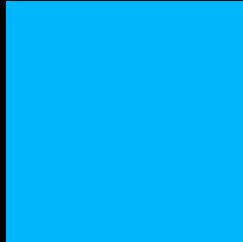
Large Text (above 18pt) WCAG AA × Fail

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 00B6FB 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 00B6FB Background



This preview shows how black text looks on a background with the Hex color 00B6FB.

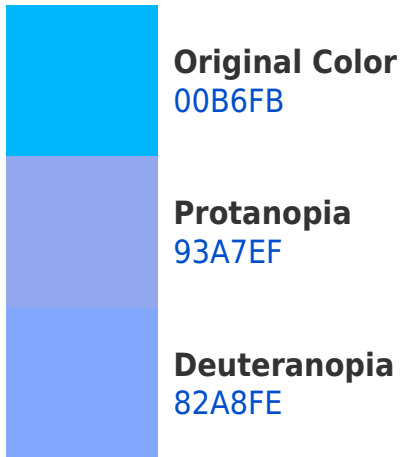


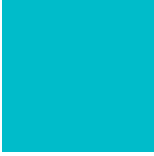
This preview shows how white text looks on a background with the Hex color 00B6FB.

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

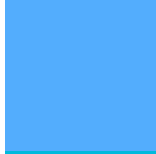
Trichromacy



Original Color
00B6FB



Protanomaly
5EACF3



Deuteranomaly
53ADFD



Tritanomaly
00BADC

Monochromacy



Original Color
00B6FB



Achromatopsia
878787



Achromatomaly
5698B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B6FB 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 #00B6FB looks like.

```
.text, #text, p{  
    color:#00B6FB  
}
```

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 #00B6FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B6FB
}
```

Border

The CSS property to change the border of an element to Hex 00B6FB 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
#00B6FB }
```

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

```
.border{ border-color:#00B6FB }
```

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

Here you see how a box with a 4 pixel #00B6FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B6FB; -webkit-box-shadow:4px 4px  
4px 4px #00B6FB; box-shadow:4px 4px 4px  
4px #00B6FB }
```

Background

The CSS property to change the background color of an element to Hex 00B6FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B6FB }
```

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

```
.background{ background-color:#00B6FB }
```

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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