

Converting Colors

Hex(00B0FE)

Have a look what the booklet for
Hex(00B0FE) contains.

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Color

Hex(00B0FE)

Conversions

Conversions Part 1

Format	Color
Hex	00B0FE
RGB	0, 176, 254
RGB Percent	0%, 69%, 100%
CMY	1.0000, 0.3098, 0.0039
CMYK	1.00, 0.31, 0.00, 0.00
HSL	198°, 100%, 50%
HSV	198°, 100%, 100%
XYZ	33.4147, 38.2064, 99.3794
YIQ	132.2680, -129.9340, -13.0540

Conversions

Conversions Part 2

Format	Color
RYB	0, 104, 254
Decimal	45310
CIELab	68.17, -9.92, -48.88
CIELCh	68, 49.876, 258.522
Yxy	38.2064, 0.1954, 0.2234
Android (android.graphics.Color)	4278235390 (0xFF00B0FE)
YUV	132.2680, 60.0139, -115.9990
Hunter-Lab	61.8113, -11.6742, -52.0576

Details

The Hex color **00B0FE** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **FE4E00**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **70E7FF**, and **007CC5** is the 20% darker color. If you saturate the color by 10%, you get **00B0FE**, and if you desaturate by 10%, it is **19B8FE**.

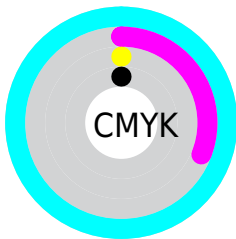
Distribution



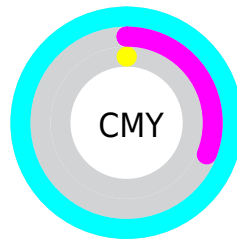
- Red (0%)
- Green (69%)
- Blue (100%)



- Red (0%)
- Yellow (41%)
- Blue (100%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B0FE 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 00B0FE by changing the saturation by 10% instead.

 00B0FE

 00B0FE

FFFFFF

 0095E1

 70E7FF

 007CC5

 93FFFF

 0063A9

 B3FFFF

 004C8E

 D3FFFF

 003574

 F3FFFF

 00215B

 000743

 00032C

 000117

 00B0FE

 19B8FE

 33C0FE

 4CC7FE

 66CFFE

 7FD7FE

 98DFFE

 B2E7FE

 CBEEFE

 E5F6FE

Harmonies

Analogous

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



00B9E9



00B0FE



8DA1FC

Triad

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



00B0FE



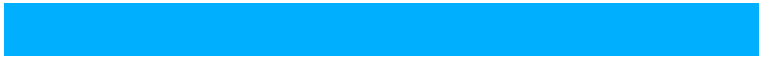
FB818C



71B768

Complementary

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



00B0FE



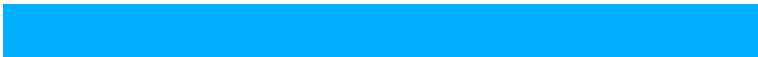
FE4E00

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.



A5AC4D



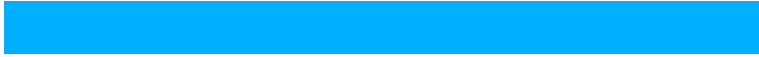
00B0FE



EE8D64

Square

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



00B0FE



F182B9



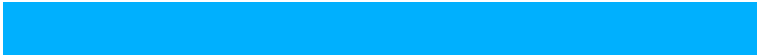
D09E4C



15BC93

Rectangle

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



00B0FE



BB95ED



D09E4C



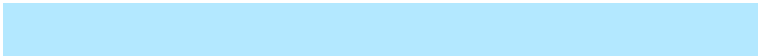
84B45D

Sweetspot

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



00B0FE



B3E8FF



00FE4C



527180



000000



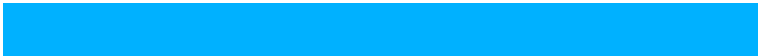
808080

Same Dimension

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



00B0FE



00B1FF



0033FE



737C80



0085BF



002C40

Inverse Universe

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



FE00B0



FF00B1



FECB00



80737C



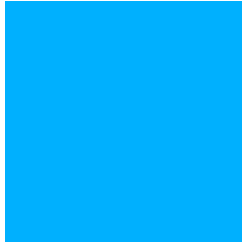
BF0085



40002C

Previews

White Background



This preview shows how the Hex color 00B0FE looks on a white background.

Color Contrast Check

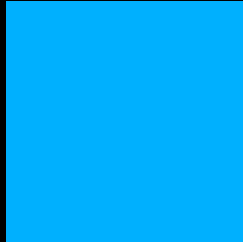
Large Text (above 18pt) WCAG AA × Fail

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 00B0FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

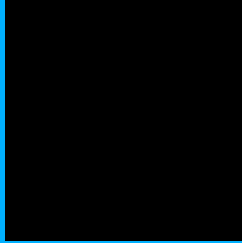
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

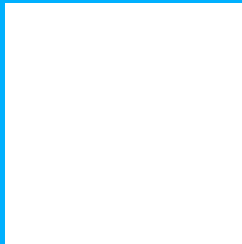
Any Text WCAG AAA ✓ Pass

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

Hex 00B0FE Background



This preview shows how black text looks on a background with the Hex color 00B0FE.



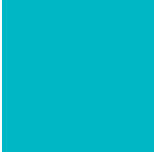
This preview shows how white text looks on a background with the Hex color 00B0FE.

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
00B8C5

Trichromacy



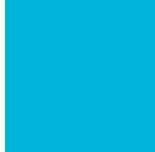
Original Color
00B0FE



Protanomaly
58A7F6



Deuteranomaly
4CA9FF



Tritanomaly
00B5DA

Monochromacy



Original Color
00B0FE



Achromatopsia
848484



Achromatomaly
5494B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B0FE 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 #00B0FE looks like.

```
.text, #text, p{  
  color:#00B0FE  
}
```

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 #00B0FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B0FE
}
```

Border

The CSS property to change the border of an element to Hex 00B0FE 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
#00B0FE }
```

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

```
.border{ border-color:#00B0FE }
```

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

Here you see how a box with a 4 pixel #00B0FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B0FE; -webkit-box-shadow:4px 4px  
4px 4px #00B0FE; box-shadow:4px 4px 4px  
4px #00B0FE }
```

Background

The CSS property to change the background color of an element to Hex 00B0FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B0FE }
```

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

```
.background{ background-color:#00B0FE }
```

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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