

Converting Colors

Hex(00B5FA)

Have a look what the booklet for
Hex(00B5FA) contains.

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Color

Hex(00B5FA)

Conversions

Conversions Part 1

Format	Color
Hex	00B5FA
RGB	0, 181, 250
RGB Percent	0%, 71%, 98%
CMY	1.0000, 0.2902, 0.0196
CMYK	1.00, 0.28, 0.00, 0.02
HSL	197°, 100%, 49%
HSV	197°, 100%, 98%
XYZ	33.7792, 39.9499, 96.3732
YIQ	134.7470, -130.0250, -16.9130

Conversions

Conversions Part 2

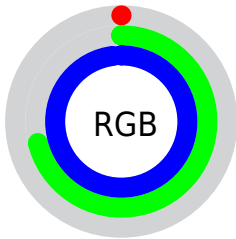
Format	Color
RYB	0, 105, 250
Decimal	46586
CIELab	69.43, -14.08, -44.73
CIELCh	69, 46.892, 252.523
Yxy	39.9499, 0.1986, 0.2349
Android (android.graphics.Color)	4278236666 (0xFF00B5FA)
YUV	134.7470, 56.8197, -118.1731
Hunter-Lab	63.2059, -15.2144, -46.1583

Details

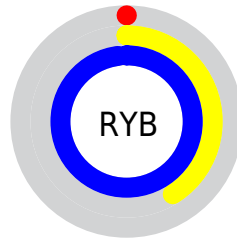
The Hex color **00B5FA** is a dark color, and the websafe version is hex **66CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FA4500**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **70EDFF**, and **0080C1** is the 20% darker color. If you saturate the color by 10%, you get **00B5FA**, and if you desaturate by 10%, it is **19BCFA**.

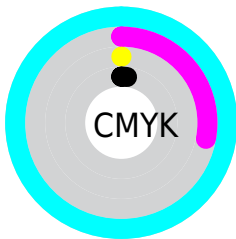
Distribution



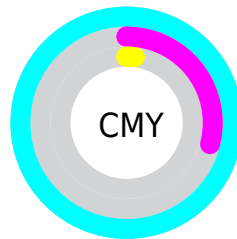
- Red (0%)
- Green (71%)
- Blue (98%)



- Red (0%)
- Yellow (41%)
- Blue (98%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00B5FA 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 00B5FA by changing the saturation by 10% instead.

 00B5FA

 00B5FA

FFFFFF

 009ADD

 70EDFF

 0080C1

 92FFFF

 0067A6

 B2FFFF

 004F8B

 D2FFFF

 003971

 F2FFFF

 002458

 000741

 00032A

 000114

 00B5FA

 19BCFA

 32C3FA

 4BCAFA

 64D1FA

 7DD7FA

 96DEFA

 AFE5FA

 C8ECFA

 E1F3FA

Harmonies

Analogous

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



00BDE2



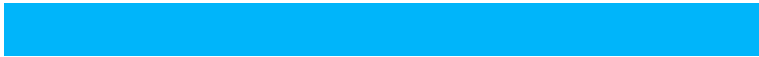
00B5FA



85A8FC

Triad

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



00B5FA



FA8799



83B869

Complementary

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



00B5FA



FA4500

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.



B2AD54



00B5FA



F28F72

Square

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



00B5FA



EC8AC4



D89E58



45BE8F

Rectangle

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



00B5FA



B29DF1



D89E58



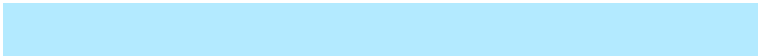
94B45F

Sweetspot

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



00B5FA



B3EAFF



00FA43



527380



000000



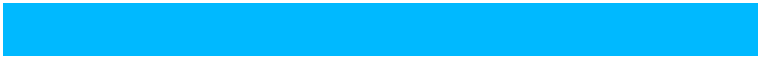
808080

Same Dimension

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



00B5FA



00B9FF



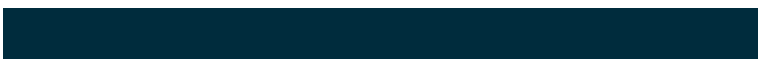
003AFA



707A7D



0089BD



002C3D

Inverse Universe

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



FA00B5



FF00B9



FAC000



7D707A



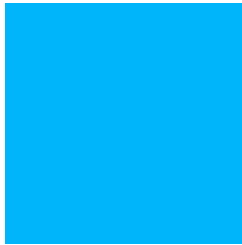
BD0089



3D002C

Previews

White Background



This preview shows how the Hex color 00B5FA looks on a white background.

Color Contrast Check

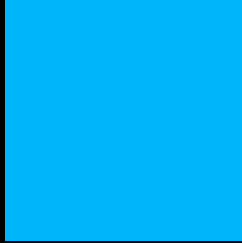
Large Text (above 18pt) WCAG AA × Fail

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 00B5FA 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

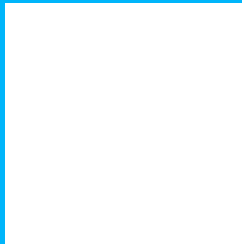
Any Text WCAG AAA ✓ Pass

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

Hex 00B5FA Background



This preview shows how black text looks on a background with the Hex color 00B5FA.

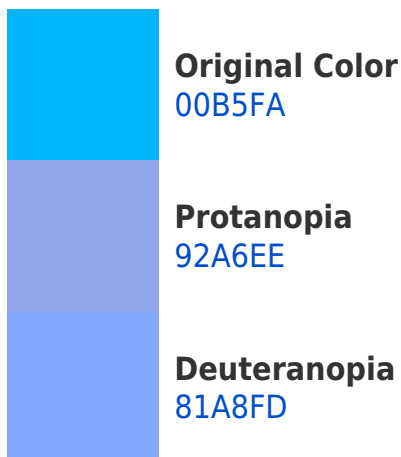


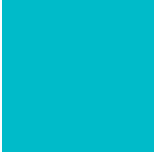
This preview shows how white text looks on a background with the Hex color 00B5FA.

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
00BBC9

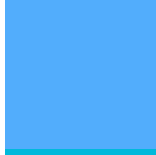
Trichromacy



Original Color
00B5FA



Protanomaly
5DABF2



Deuteranomaly
52ADFC



Tritanomaly
00B9DB

Monochromacy



Original Color
00B5FA



Achromatopsia
878787



Achromatomaly
5698B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B5FA 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 #00B5FA looks like.

```
.text, #text, p{  
    color:#00B5FA  
}
```

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 #00B5FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B5FA
}
```

Border

The CSS property to change the border of an element to Hex 00B5FA 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
#00B5FA }
```

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

```
.border{ border-color:#00B5FA }
```

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

Here you see how a box with a 4 pixel #00B5FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B5FA; -webkit-box-shadow:4px 4px  
4px 4px #00B5FA; box-shadow:4px 4px 4px  
4px #00B5FA }
```

Background

The CSS property to change the background color of an element to Hex 00B5FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B5FA }
```

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

```
.background{ background-color:#00B5FA }
```

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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