

Converting Colors

Hex(00B7F8)

Have a look what the booklet for
Hex(00B7F8) contains.

Hex(00B7F8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00B7F8)

Conversions

Conversions Part 1

Format	Color
Hex	00B7F8
RGB	0, 183, 248
RGB Percent	0%, 72%, 97%
CMY	1.0000, 0.2824, 0.0275
CMYK	1.00, 0.26, 0.00, 0.03
HSL	196°, 100%, 49%
HSV	196°, 100%, 97%
XYZ	33.8768, 40.6443, 94.8666
YIQ	135.6930, -129.9330, -18.5810

Conversions

Conversions Part 2

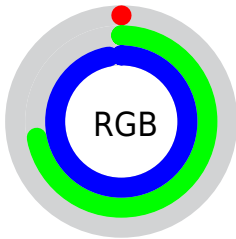
Format	Color
RYB	0, 105, 248
Decimal	47096
CIELab	69.93, -15.86, -42.87
CIELCh	70, 45.714, 249.694
Yxy	40.6443, 0.2000, 0.2399
Android (android.graphics.Color)	4278237176 (0xFF00B7F8)
YUV	135.6930, 55.3674, -119.0028
Hunter-Lab	63.7529, -16.7169, -43.5987

Details

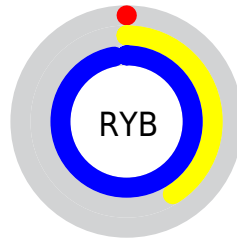
The Hex color **00B7F8** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F84100**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **70EFFF**, and **0082BF** is the 20% darker color. If you saturate the color by 10%, you get **00B7F8**, and if you desaturate by 10%, it is **19BDF8**.

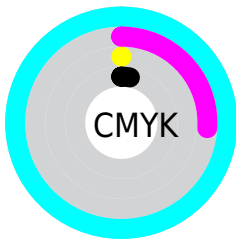
Distribution



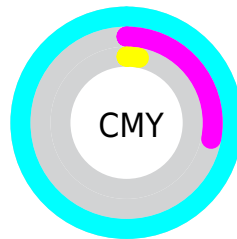
- Red (0%)
- Green (72%)
- Blue (97%)



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



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (28%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B7F8 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 00B7F8 by changing the saturation by 10% instead.

 00B7F8

FFFFFF

 70EFFF

 92FFFF

 B2FFFF

 D2FFFF

 F2FFFF

 00B7F8

 009CDB

 0082BF

 0069A4

 005189

 003A70

 002557

 00063F

 000328

 000112

 00B7F8

 19BDF8

 32C4F8

 4ACAF8

 63D1F8

 7CD7F8

 95DEF8

 AEE5F8

 C6EBF8

 DFF2F8

Harmonies

Analogous

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



00BEDF



00B7F8



80ABFC

Triad

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



00B7F8



FA899F



8AB869

Complementary

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



00B7F8



F84100

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.



B7AD57



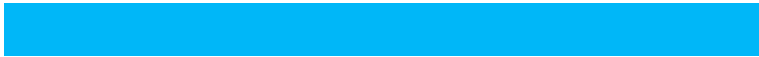
00B7F8



F49078

Square

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



00B7F8



E98DC9



DC9F5D



52BE8D

Rectangle

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



00B7F8



AEA0F3



DC9F5D



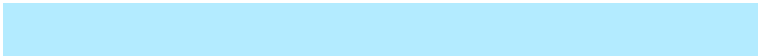
9AB561

Sweetspot

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



00B7F8



B3EBFF



00F83E



527380



000000



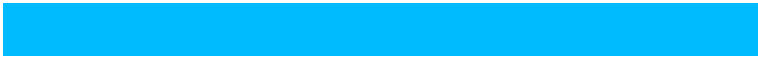
808080

Same Dimension

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



00B7F8



00BCFF



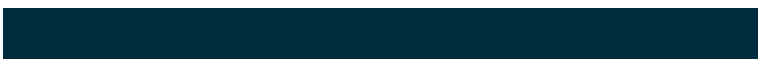
003EF8



707A7D



008BBD



002D3D

Inverse Universe

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



F800B7



FF00BC



F8BA00



7D707A



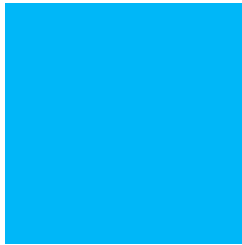
BD008B



3D002D

Previews

White Background



This preview shows how the Hex color 00B7F8 looks on a white background.

Color Contrast Check

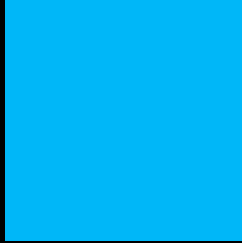
Large Text (above 18pt) WCAG AA × Fail

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 00B7F8 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

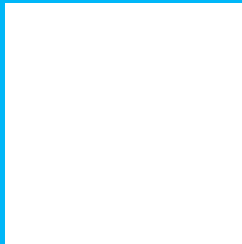
Any Text WCAG AAA ✓ Pass

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

Hex 00B7F8 Background



This preview shows how black text looks on a background with the Hex color 00B7F8.

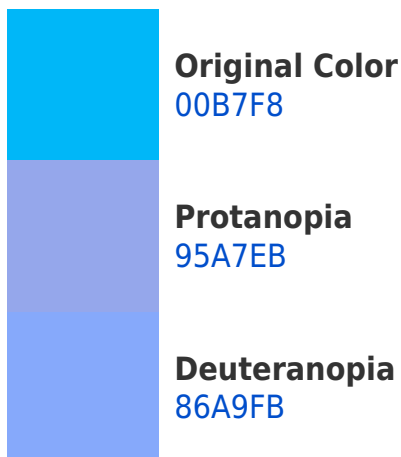


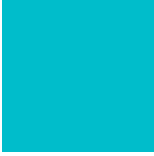
This preview shows how white text looks on a background with the Hex color 00B7F8.

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
00BDCB

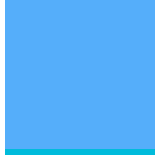
Trichromacy



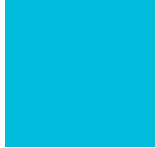
Original Color
00B7F8



Protanomaly
5FADF0



Deuteranomaly
55AEFA



Tritanomaly
00BBDB

Monochromacy



Original Color
00B7F8



Achromatopsia
888888



Achromatomaly
5799B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B7F8 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 #00B7F8 looks like.

```
.text, #text, p{  
    color:#00B7F8  
}
```

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 #00B7F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B7F8
}
```

Border

The CSS property to change the border of an element to Hex 00B7F8 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
#00B7F8 }
```

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

```
.border{ border-color:#00B7F8 }
```

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

Here you see how a box with a 4 pixel #00B7F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B7F8; -webkit-box-shadow:4px 4px  
4px 4px #00B7F8; box-shadow:4px 4px 4px  
4px #00B7F8 }
```

Background

The CSS property to change the background color of an element to Hex 00B7F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B7F8 }
```

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

```
.background{ background-color:#00B7F8 }
```

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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