

Converting Colors

Hex(00B7F7)

Have a look what the booklet for
Hex(00B7F7) contains.

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Color

Hex(00B7F7)

Conversions

Conversions Part 1

Format	Color
Hex	00B7F7
RGB	0, 183, 247
RGB Percent	0%, 72%, 97%
CMY	1.0000, 0.2824, 0.0314
CMYK	1.00, 0.26, 0.00, 0.03
HSL	196°, 100%, 48%
HSV	196°, 100%, 97%
XYZ	33.7220, 40.5824, 94.0515
YIQ	135.5790, -129.6120, -18.8920

Conversions

Conversions Part 2

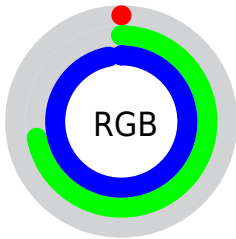
Format	Color
RYB	0, 105, 247
Decimal	47095
CIELab	69.88, -16.22, -42.40
CIELCh	70, 45.395, 249.070
Yxy	40.5824, 0.2003, 0.2411
Android (android.graphics.Color)	4278237175 (0xFF00B7F7)
YUV	135.5790, 54.9306, -118.9028
Hunter-Lab	63.7043, -16.9932, -42.9414

Details

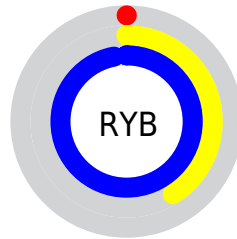
The Hex color **00B7F7** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F74000**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6FEFFF**, and **0082BE** is the 20% darker color. If you saturate the color by 10%, you get **00B7F7**, and if you desaturate by 10%, it is **19BDF7**.

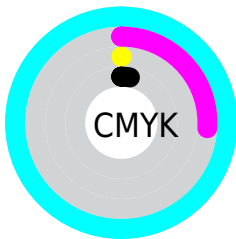
Distribution



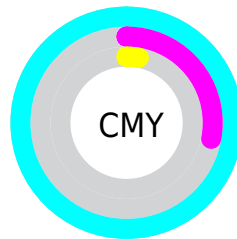
- Red (0%)
- Green (72%)
- Blue (97%)



- 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 00B7F7 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 00B7F7 by changing the saturation by 10% instead.

 00B7F7

 00B7F7

FFFFFF

 009CDA

 6FEFFF

 0082BE

 91FFFF

 0069A3

 B2FFFF

 005188

 D2FFFF

 003A6F

 F2FFFF

 002556

 00063E

 000328

 000111

 00B7F7

 19BDF7

 31C4F7

 4ACAF7

 63D1F7

 7CD7F7

 94DDF7

 ADE4F7

 C6EAF7

 DEF1F7

Harmonies

Analogous

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



00BEDD



00B7F7



7FABFC

Triad

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



00B7F7



F989A0



8CB769

Complementary

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



00B7F7



F74000

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.



B8AC57



00B7F7



F49079

Square

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



00B7F7



E88EC9



DC9E5E



54BE8C

Rectangle

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



00B7F7



ACA1F3



DC9E5E



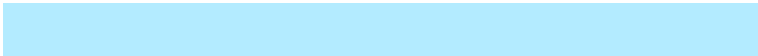
9BB461

Sweetspot

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



00B7F7



B3EBFF



00F73E



527480



000000



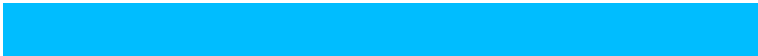
808080

Same Dimension

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



00B7F7



00BDFF



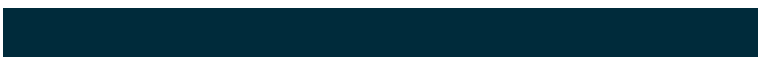
003EF7



6E777A



008ABA



002B3B

Inverse Universe

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



F700B7



FF00BD



F7B900



7A6E77



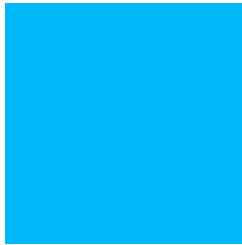
BA008A



3B002B

Previews

White Background



This preview shows how the Hex color 00B7F7 looks on a white background.

Color Contrast Check

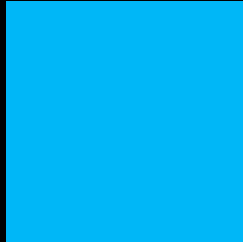
Large Text (above 18pt) WCAG AA × Fail

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 00B7F7 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 00B7F7 Background



This preview shows how black text looks on a background with the Hex color 00B7F7.

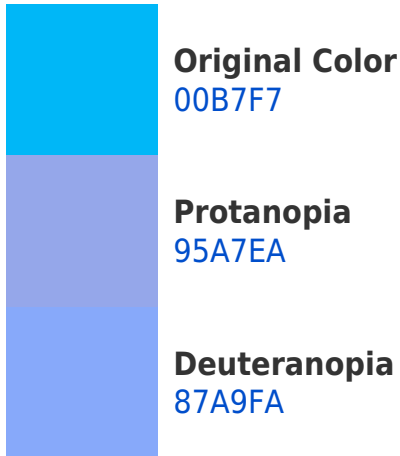


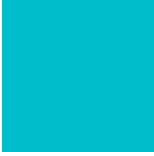
This preview shows how white text looks on a background with the Hex color 00B7F7.

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

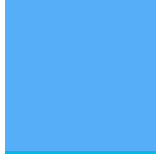
Trichromacy



Original Color
00B7F7



Protanomaly
5FADEF



Deuteranomaly
56AEF9



Tritanomaly
00BBDB

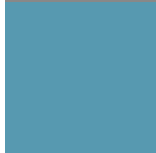
Monochromacy



Original Color
00B7F7



Achromatopsia
888888



Achromatomaly
5799B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B7F7 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 #00B7F7 looks like.

```
.text, #text, p{  
    color:#00B7F7  
}
```

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 #00B7F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B7F7
}
```

Border

The CSS property to change the border of an element to Hex 00B7F7 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
#00B7F7 }
```

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

```
.border{ border-color:#00B7F7 }
```

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

Here you see how a box with a 4 pixel #00B7F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B7F7; -webkit-box-shadow:4px 4px  
4px 4px #00B7F7; box-shadow:4px 4px 4px  
4px #00B7F7 }
```

Background

The CSS property to change the background color of an element to Hex 00B7F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B7F7 }
```

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

```
.background{ background-color:#00B7F7 }
```

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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