

Converting Colors

Hex(00BBF7)

Have a look what the booklet for
Hex(00BBF7) contains.

Hex(00BBF7)	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(00BBF7)

Conversions

Conversions Part 1

Format	Color
Hex	00BBF7
RGB	0, 187, 247
RGB Percent	0%, 73%, 97%
CMY	1.0000, 0.2667, 0.0314
CMYK	1.00, 0.24, 0.00, 0.03
HSL	195°, 100%, 48%
HSV	195°, 100%, 97%
XYZ	34.5588, 42.2560, 94.3305
YIQ	137.9270, -130.7120, -20.9840

Conversions

Conversions Part 2

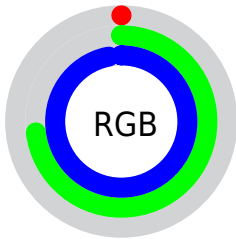
Format	Color
RYB	0, 106, 247
Decimal	48119
CIELab	71.05, -18.33, -40.58
CIELCh	71, 44.528, 245.688
Yxy	42.2560, 0.2019, 0.2469
Android (android.graphics.Color)	4278238199 (0xFF00BBF7)
YUV	137.9270, 53.7730, -120.9620
Hunter-Lab	65.0047, -18.8611, -40.5345

Details

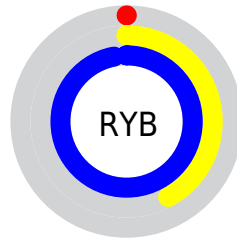
The Hex color **00BBF7** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F73C00**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **70F3FF**, and **0086BE** is the 20% darker color. If you saturate the color by 10%, you get **00BBF7**, and if you desaturate by 10%, it is **19C1F7**.

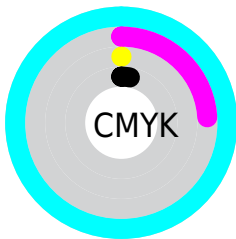
Distribution



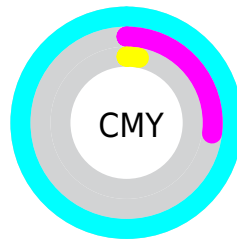
- Red (0%)
- Green (73%)
- Blue (97%)



- Red (0%)
- Yellow (42%)
- Blue (97%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BBF7 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 00BBF7 by changing the saturation by 10% instead.

 00BBF7

FFFFFF

 70F3FF

 92FFFF

 B2FFFF

 D2FFFF

 F2FFFF

 00BBF7

 00A0DA

 0086BE

 006DA3

 005489

 003D6F

 002756

 000D3F

 000328

 000112

 00BF7

 19C1F7

 31C7F7

 4ACDF7

 63D3F7

 7CD9F7

 94DFF7

 ADE5F7

 C6EBF7

 DEF1F7

Harmonies

Analogous

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



00C1DC



00BBF7



7CAFFE

Triad

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



00BBF7



FA8DA8



95B96A

Complementary

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



00BBF7



F73C00

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.



C0AE5B



00BBF7



F89381

Square

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



00BBF7



E793D0



E2A064



61C08B

Rectangle

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



00BBF7



A9A6F7



E2A064



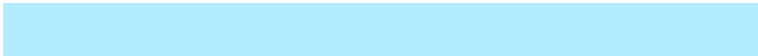
A4B663

Sweetspot

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



00BBF7



B3ECFF



00F73A



527480



000000



808080

Same Dimension

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



00BBF7



00C1FF



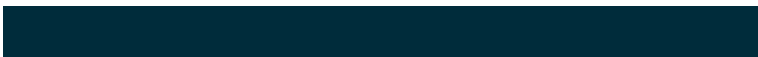
0042F7



6E777A



008DBA



002C3B

Inverse Universe

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



F700BB



FF00C1



F7B500



7A6E77



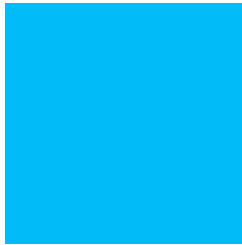
BA008D



3B002C

Previews

White Background



This preview shows how the Hex color 00BBF7 looks on a white background.

Color Contrast Check

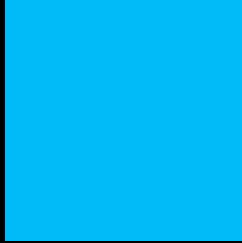
Large Text (above 18pt) WCAG AA × Fail

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 00BBF7 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 00BBF7 Background



This preview shows how black text looks on a background with the Hex color 00BBF7.



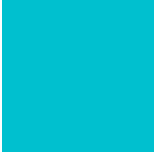
This preview shows how white text looks on a background with the Hex color 00BBF7.

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





Trichromacy



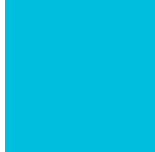
Original Color
00BBF7



Protanomaly
62B0EF



Deuteranomaly
5AB1FA



Tritanomaly
00BEDE

Monochromacy



Original Color
00BBF7



Achromatopsia
8A8A8A



Achromatomaly
589CB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BBF7 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 #00BBF7 looks like.

```
.text, #text, p{  
    color:#00BBF7  
}
```

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 #00BBF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BBF7
}
```

Border

The CSS property to change the border of an element to Hex 00BBF7 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
#00BBF7 }
```

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

```
.border{ border-color:#00BBF7 }
```

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

Here you see how a box with a 4 pixel #00BBF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BBF7; -webkit-box-shadow:4px 4px  
4px 4px #00BBF7; box-shadow:4px 4px 4px  
4px #00BBF7 }
```

Background

The CSS property to change the background color of an element to Hex 00BBF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BBF7 }
```

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

```
.background{ background-color:#00BBF7 }
```

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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