

Converting Colors

Hex(00BCF0)

Have a look what the booklet for
Hex(00BCF0) contains.

Hex(00BCF0)	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(00BCF0)

Conversions

Conversions Part 1

Format	Color
Hex	00BCF0
RGB	0, 188, 240
RGB Percent	0%, 74%, 94%
CMY	1.0000, 0.2627, 0.0588
CMYK	1.00, 0.22, 0.00, 0.06
HSL	193°, 100%, 47%
HSV	193°, 100%, 94%
XYZ	33.7114, 42.2577, 88.8179
YIQ	137.7160, -128.7400, -23.6840

Conversions

Conversions Part 2

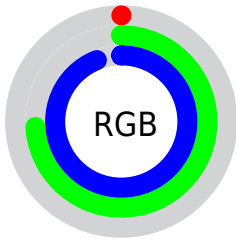
Format	Color
RYB	0, 105, 240
Decimal	48368
CIELab	71.05, -21.28, -36.79
CIELCh	71, 42.499, 239.954
Yxy	42.2577, 0.2046, 0.2564
Android (android.graphics.Color)	4278238448 (0xFF00BCF0)
YUV	137.7160, 50.4260, -120.7769
Hunter-Lab	65.0059, -21.1921, -35.5040

Details

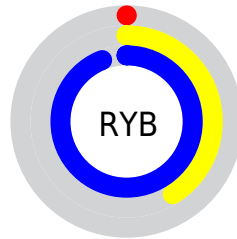
The Hex color **00BCF0** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F03400**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6EF4FF**, and **0087B8** is the 20% darker color. If you saturate the color by 10%, you get **00BCF0**, and if you desaturate by 10%, it is **18C1F0**.

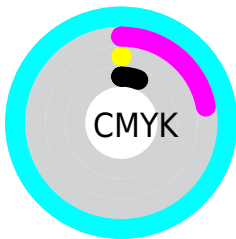
Distribution



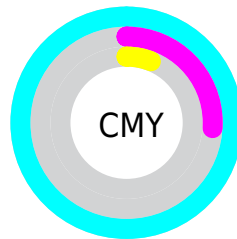
- Red (0%)
- Green (74%)
- Blue (94%)



- Red (0%)
- Yellow (41%)
- Blue (94%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (26%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BCF0 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 00BCF0 by changing the saturation by 10% instead.

 00BCF0

FFFFFF

 6EF4FF

 90FFFF

 B1FFFF

 D0FFFF


 F0FFFF

 00BCF0

 00A1D4

 0087B8

 006D9D

 005582

 003D69

 002851

 000C39

 000223

 00000A

 00BCF0

 18C1F0

 30C6F0

 48CCF0

 60D1F0

 78D6F0

 90DBF0

 A8E0F0

 C0E6F0

 D8EBF0

Harmonies

Analogous

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



00C1D3



00BCF0



72B2FB

Triad

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



00BCF0



F58FAF



9FB769

Complementary

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



00BCF0



F03400

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.



C6AC5F



00BCF0



F79289

Square

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



00BCF0



DE96D5



E69E6C



6FBF86

Rectangle

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



00BCF0



9EA9F7



E69E6C



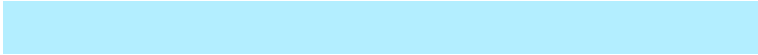
ADB463

Sweetspot

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



00BCF0



B3EEFF



00F034



527680



000000



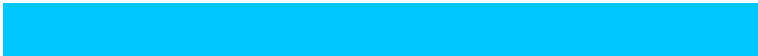
808080

Same Dimension

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



00BCF0



00C8FF



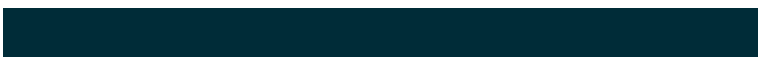
0044F0



6C7578



0090B8



002C38

Inverse Universe

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



F000BC



FF00C8



F0AC00



786C75



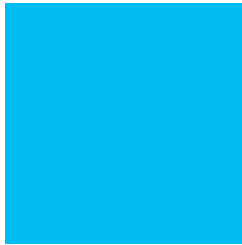
B80090



38002C

Previews

White Background



This preview shows how the Hex color 00BCF0 looks on a white background.

Color Contrast Check

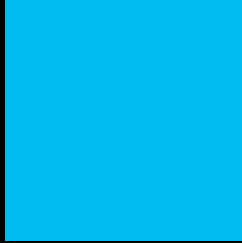
Large Text (above 18pt) WCAG AA × Fail

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 00BCF0 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 00BCF0 Background



This preview shows how black text looks on a background with the Hex color 00BCF0.

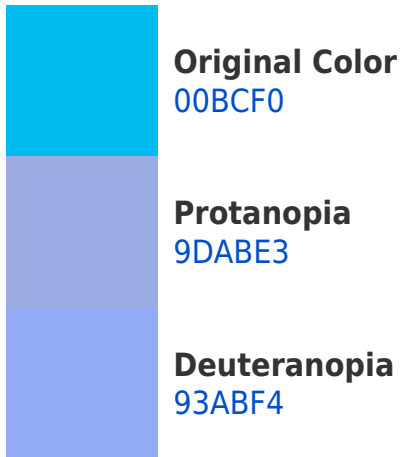


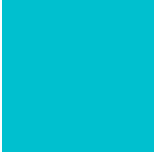
This preview shows how white text looks on a background with the Hex color 00BCF0.

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
00BCF0



Protanomaly
64B1E8



Deuteranomaly
5EB1F3



Tritanomaly
00BFDB

Monochromacy



Original Color
00BCF0



Achromatopsia
8A8A8A



Achromatomaly
589CAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BCF0 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 #00BCF0 looks like.

```
.text, #text, p{  
    color:#00BCF0  
}
```

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 #00BCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BCF0
}
```

Border

The CSS property to change the border of an element to Hex 00BCF0 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
#00BCF0 }
```

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

```
.border{ border-color:#00BCF0 }
```

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

Here you see how a box with a 4 pixel #00BCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BCF0; -webkit-box-shadow:4px 4px  
4px 4px #00BCF0; box-shadow:4px 4px 4px  
4px #00BCF0 }
```

Background

The CSS property to change the background color of an element to Hex 00BCF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BCF0 }
```

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

```
.background{ background-color:#00BCF0 }
```

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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