

Converting Colors

Hex(00BEF2)

Have a look what the booklet for
Hex(00BEF2) contains.

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Color

Hex(00BEF2)

Conversions

Conversions Part 1

Format	Color
Hex	00BEF2
RGB	0, 190, 242
RGB Percent	0%, 75%, 95%
CMY	1.0000, 0.2549, 0.0510
CMYK	1.00, 0.21, 0.00, 0.05
HSL	193°, 100%, 47%
HSV	193°, 100%, 95%
XYZ	34.4405, 43.2377, 90.5349
YIQ	139.1180, -129.9320, -24.1080

Conversions

Conversions Part 2

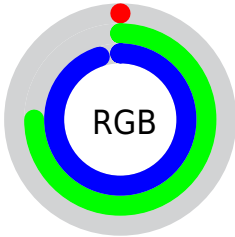
Format	Color
RYB	0, 106, 242
Decimal	48882
CIELab	71.72, -21.62, -36.83
CIELCh	72, 42.712, 239.584
Yxy	43.2377, 0.2047, 0.2570
Android (android.graphics.Color)	4278238962 (0xFF00BEF2)
YUV	139.1180, 50.7208, -122.0065
Hunter-Lab	65.7554, -21.5796, -35.6043

Details

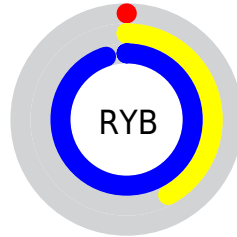
The Hex color **00BEF2** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F23400**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6FF6FF**, and **0089BA** is the 20% darker color. If you saturate the color by 10%, you get **00BEF2**, and if you desaturate by 10%, it is **18C3F2**.

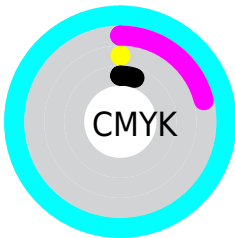
Distribution



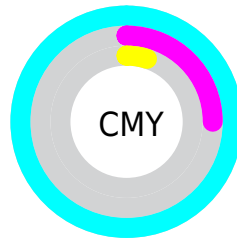
- Red (0%)
- Green (75%)
- Blue (95%)



- Red (0%)
- Yellow (42%)
- Blue (95%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BEF2 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 00BEF2 by changing the saturation by 10% instead.

 00BEF2

FFFFFF

 6FF6FF

 91FFFF

 B1FFFF


 D1FFFF

 F1FFFF

 00BEF2

 00A3D5

 0089BA

 006F9F

 005684

 003F6B

 002952

 00103B

 000225

 00010D

 00BEF2

 18C3F2

 30C8F2

 49CEF2

 61D3F2

 79D8F2

 91DDF2

 A9E2F2

 C2E8F2

 DAEDF2

Harmonies

Analogous

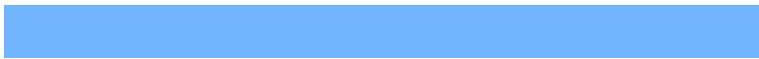
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00C3D5



00BEF2



72B4FD

Triad

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



00BEF2



F891B2



A1B96A

Complementary

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



00BEF2



F23400

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.



C9AD61



00BEF2



F9948B

Square

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



00BEF2



E098D8



E89F6D



72C187

Rectangle

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



00BEF2



9FABF9



E89F6D



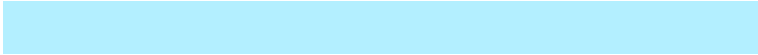
AFB565

Sweetspot

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



00BEF2



B3EFFF



00F230



527680



000000



808080

Same Dimension

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



00BEF2



00C8FF



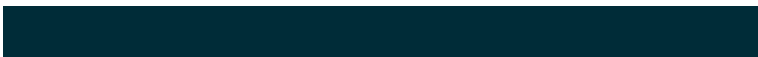
0049F2



6C7578



0090B8



002C38

Inverse Universe

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



F200BE



FF00C8



F2A900



786C75



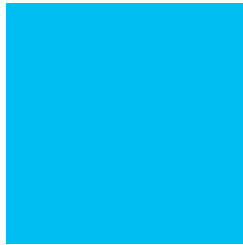
B80090



38002C

Previews

White Background



This preview shows how the Hex color 00BEF2 looks on a white background.

Color Contrast Check

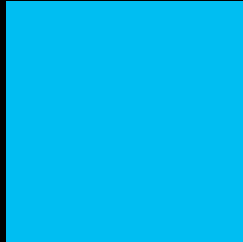
Large Text (above 18pt) WCAG AA × Fail

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 00BEF2 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 00BEF2 Background



This preview shows how black text looks on a background with the Hex color 00BEF2.

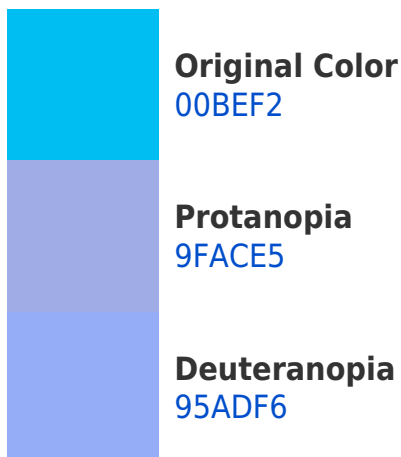


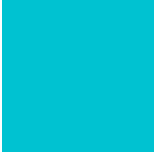
This preview shows how white text looks on a background with the Hex color 00BEF2.

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
00C2D1

Trichromacy



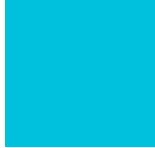
Original Color
00BEF2



Protanomaly
65B3EA



Deuteranomaly
5FB3F5



Tritanomaly
00C1DD

Monochromacy



Original Color
00BEF2



Achromatopsia
8B8B8B



Achromatomaly
589EB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BEF2 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 #00BEF2 looks like.

```
.text, #text, p{  
    color:#00BEF2  
}
```

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 #00BEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BEF2
}
```

Border

The CSS property to change the border of an element to Hex 00BEF2 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
#00BEF2 }
```

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

```
.border{ border-color:#00BEF2 }
```

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

Here you see how a box with a 4 pixel #00BEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BEF2; -webkit-box-shadow:4px 4px  
4px 4px #00BEF2; box-shadow:4px 4px 4px  
4px #00BEF2 }
```

Background

The CSS property to change the background color of an element to Hex 00BEF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BEF2 }
```

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

```
.background{ background-color:#00BEF2 }
```

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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