

Converting Colors

Hex(03BFEF)

Have a look what the booklet for
Hex(03BFEF) contains.

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Color

Hex(03BFEF)

Conversions

Conversions Part 1

Format	Color
Hex	03BFEF
RGB	3, 191, 239
RGB Percent	1%, 75%, 94%
CMY	0.9882, 0.2510, 0.0627
CMYK	0.99, 0.20, 0.00, 0.06
HSL	192°, 98%, 47%
HSV	192°, 99%, 94%
XYZ	34.2483, 43.5130, 88.2551
YIQ	140.2600, -127.4560, -24.9280

Conversions

Conversions Part 2

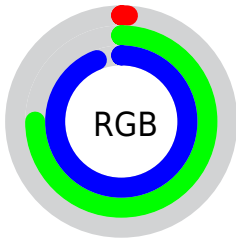
Format	Color
R _Y B	3, 108, 239
Decimal	245743
CIE Lab	71.90, -23.09, -34.92
CIE LCh	72, 41.864, 236.529
Yxy	43.5130, 0.2063, 0.2621
Android (android.graphics.Color)	4278435823 (0xFF03BFEE)
YUV	140.2600, 48.6788, -120.3770
Hunter-Lab	65.9644, -22.7614, -33.1503

Details

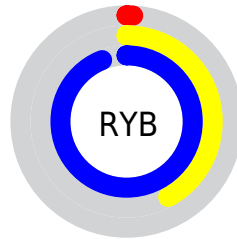
The Hex color **03BFEF** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **EF3303**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6FF8FF**, and **0089B7** is the 20% darker color. If you saturate the color by 10%, you get **00BEEF**, and if you desaturate by 10%, it is **1BC4EF**.

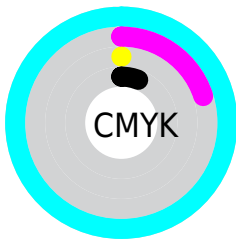
Distribution



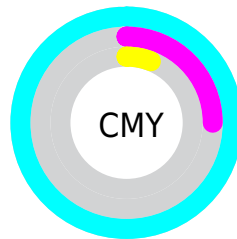
- Red (1%)
- Green (75%)
- Blue (94%)



- Red (1%)
- Yellow (42%)
- Blue (94%)



- Cyan (99%)
- Magenta (20%)
- Yellow (0%)
- Black (6%)



- Cyan (99%)
- Magenta (25%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03BFEF 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 03BFEF by changing the saturation by 10% instead.

 03BFEF

 03BFEF

FFFFFF

 00A4D3

 6FF8FF

 0089B7

 91FFFF

 00709C

 B1FFFF

 005782

 D1FFFF

 004068

 F0FFFF

 002A50

 001139

 000223

 000009

■ 03BFEF

■ 03BFEF

■ 00BEEF

■ 1BC4EF

■ 33C9EF

■ 4BCEEF

■ 63D2EF

■ 7BD7EF

■ 92DCEF

■ AAE1EF

■ C2E6EF

■ DAEBEF

Harmonies

Analogous

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



00C4D1



03BFEF



6DB5FC

Triad

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



03BFEF



F592B6



A6B86A

Complementary

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



03BFEF



EF3303

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.



CDAC63



03BFEF



F99490

Square

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



03BFEF



DC9ADB



EA9F72



79C085

Rectangle

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



03BFEF



9AADF9



EA9F72



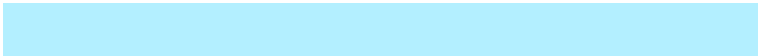
B4B565

Sweetspot

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



03BFEF



B3EFFF



03EF32



527680



000000



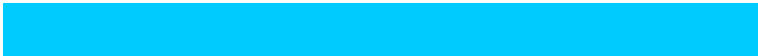
808080

Same Dimension

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



03BFEF



00CBFF



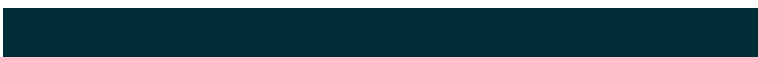
034AEF



6C7578



0092B8



002D38

Inverse Universe

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



EF03BF



FF00CB



EFA803



786C75



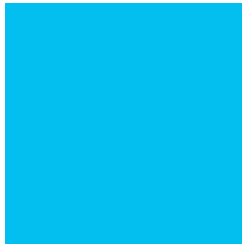
B80092



38002D

Previews

White Background



This preview shows how the Hex color 03BFEF looks on a white background.

Color Contrast Check

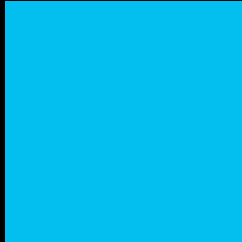
Large Text (above 18pt) WCAG AA × Fail

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 03BFEF 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 03BFEF Background



This preview shows how black text looks on a background with the Hex color 03BFEF.

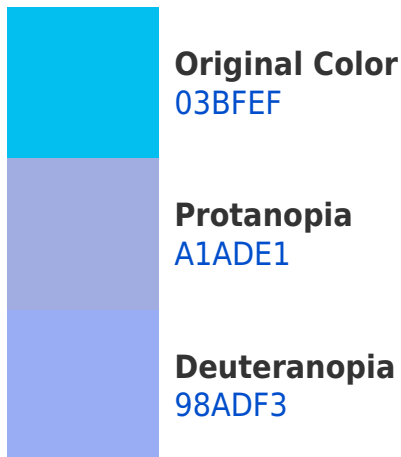


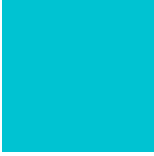
This preview shows how white text looks on a background with the Hex color 03BFEF.

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
00C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 03BFEF 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 #03BFEF looks like.

```
.text, #text, p{  
    color:#03BFEF  
}
```

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 #03BFEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03BFEF
}
```

Border

The CSS property to change the border of an element to Hex 03BFEF 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
#03BFEF }
```

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

```
.border{ border-color:#03BFEE }
```

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

Here you see how a box with a 4 pixel #03BFEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03BFEE; -webkit-box-shadow:4px 4px  
4px 4px #03BFEE; box-shadow:4px 4px 4px  
4px #03BFEE }
```

Background

The CSS property to change the background color of an element to Hex 03BFEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03BFEF }
```

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

```
.background{ background-color:#03BFEF }
```

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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