

Converting Colors

Hex(03BFF4)

Have a look what the booklet for
Hex(03BFF4) contains.

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Color

Hex(03BFF4)

Conversions

Conversions Part 1

Format	Color
Hex	03BFF4
RGB	3, 191, 244
RGB Percent	1%, 75%, 96%
CMY	0.9882, 0.2510, 0.0431
CMYK	0.99, 0.22, 0.00, 0.04
HSL	193°, 98%, 48%
HSV	193°, 99%, 96%
XYZ	34.9975, 43.8126, 92.2001
YIQ	140.8300, -129.0610, -23.3730

Conversions

Conversions Part 2

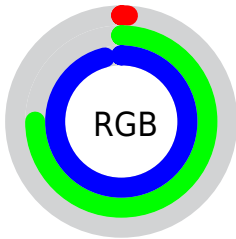
Format	Color
RYB	3, 109, 244
Decimal	245748
CIELab	72.10, -21.38, -37.31
CIELCh	72, 43.004, 240.186
Yxy	43.8126, 0.2047, 0.2562
Android (android.graphics.Color)	4278435828 (0xFF03BFF4)
YUV	140.8300, 50.8628, -120.8769
Hunter-Lab	66.1911, -21.4554, -36.2535

Details

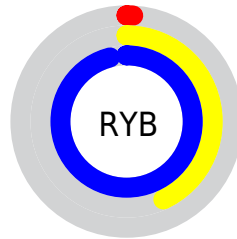
The Hex color **03BFF4** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F43803**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **70F7FF**, and **0089BC** is the 20% darker color. If you saturate the color by 10%, you get **00BEF4**, and if you desaturate by 10%, it is **1BC4F4**.

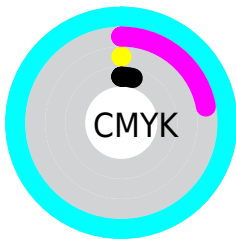
Distribution



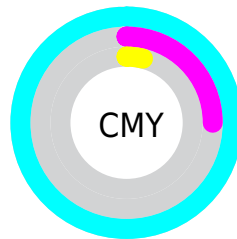
- Red (1%)
- Green (75%)
- Blue (96%)



- Red (1%)
- Yellow (43%)
- Blue (96%)



- Cyan (99%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)



- Cyan (99%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03BFF4 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 03BFF4 by changing the saturation by 10% instead.

 03BFF4

 03BFF4

FFFFFF

 00A4D7

 70F7FF

 0089BC

 92FFFF

 0070A0

 B2FFFF

 005786

 D2FFFF


 00406C

 F2FFFF


 002A54

 00123C

 000326

 00010F

 03BFF4

 03BFF4

 00BEF4

 1BC4F4

 34CAF4

 4CCFF4

 65D4F4

 7DDAF4

 95DFF4

 AEE5F4

 C6EAF4

 DFEFF4

Harmonies

Analogous

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



00C4D7



03BFF4



74B5FF

Triad

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



03BFF4



F991B2



A1BA6B

Complementary

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



03BFF4



F43803

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.



C9AF61



03BFF4



FB958B

Square

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



03BFF4



E299D8



E9A16D



71C288

Rectangle

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



03BFF4



A1ABFA



E9A16D



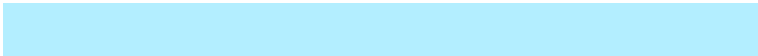
AFB765

Sweetspot

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



03BFF4



B3EEFF



03F437



527580



000000



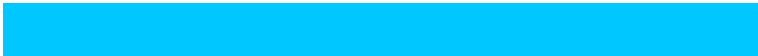
808080

Same Dimension

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



03BFF4



00C7FF



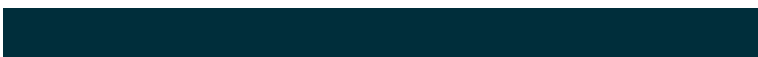
0347F4



6E787A



0091BA



002E3B

Inverse Universe

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



F403BF



FF00C7



F4B003



7A6E78



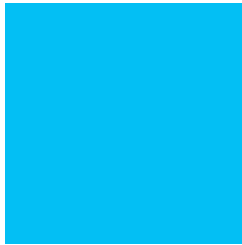
BA0091



3B002E

Previews

White Background



This preview shows how the Hex color 03BFF4 looks on a white background.

Color Contrast Check

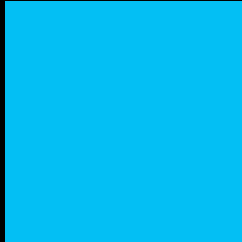
Large Text (above 18pt) WCAG AA × Fail

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 03BFF4 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 03BFF4 Background



This preview shows how black text looks on a background with the Hex color 03BFF4.

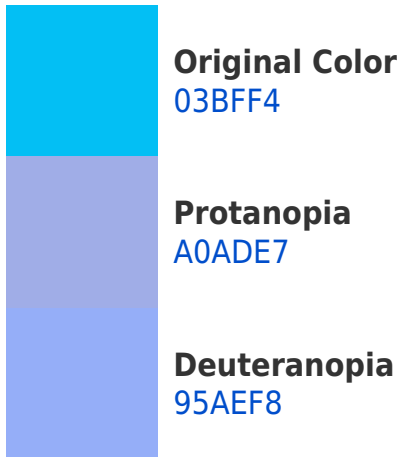


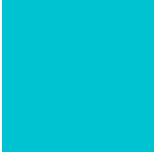
This preview shows how white text looks on a background with the Hex color 03BFF4.

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

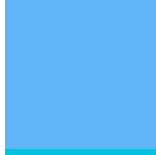
Trichromacy



Original Color
03BFF4



Protanomaly
67B4EC



Deuteranomaly
60B4F7



Tritanomaly
01C2DE

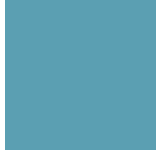
Monochromacy



Original Color
03BFF4



Achromatopsia
8D8D8D



Achromatomaly
5B9FB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 03BFF4 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 #03BFF4 looks like.

```
.text, #text, p{  
    color:#03BFF4  
}
```

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 #03BFF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03BFF4
}
```

Border

The CSS property to change the border of an element to Hex 03BFF4 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
#03BFF4 }
```

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

```
.border{ border-color:#03BFF4 }
```

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

Here you see how a box with a 4 pixel #03BFF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03BFF4; -webkit-box-shadow:4px 4px  
4px 4px #03BFF4; box-shadow:4px 4px 4px  
4px #03BFF4 }
```

Background

The CSS property to change the background color of an element to Hex 03BFF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03BFF4 }
```

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

```
.background{ background-color:#03BFF4 }
```

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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