

Converting Colors

Hex(04BDFB)

Have a look what the booklet for
Hex(04BDFB) contains.

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Color

Hex(04BDFB)

Conversions

Conversions Part 1

Format	Color
Hex	04BDFB
RGB	4, 189, 251
RGB Percent	2%, 74%, 98%
CMY	0.9843, 0.2588, 0.0157
CMYK	0.98, 0.25, 0.00, 0.02
HSL	195°, 97%, 50%
HSV	195°, 98%, 98%
XYZ	35.6603, 43.3860, 97.7616
YIQ	140.7530, -130.1620, -19.9380

Conversions

Conversions Part 2

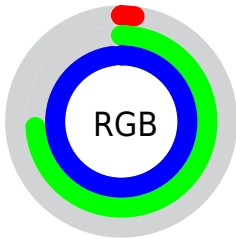
Format	Color
RYB	4, 110, 251
Decimal	310779
CIELab	71.82, -17.90, -41.54
CIELCh	72, 45.229, 246.691
Yxy	43.3860, 0.2017, 0.2454
Android (android.graphics.Color)	4278500859 (0xFF04BDFB)
YUV	140.7530, 54.3518, -119.9324
Hunter-Lab	65.8681, -18.6312, -41.8908

Details

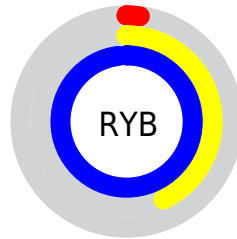
The Hex color **04BDFB** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FB4204**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **71F5FF**, and **0088C2** is the 20% darker color. If you saturate the color by 10%, you get **00BCFB**, and if you desaturate by 10%, it is **1DC3FB**.

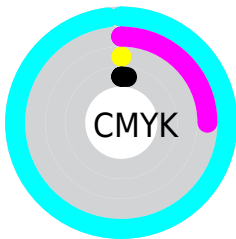
Distribution



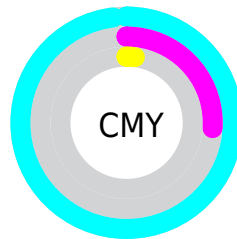
- Red (2%)
- Green (74%)
- Blue (98%)



- Red (2%)
- Yellow (43%)
- Blue (98%)



- Cyan (98%)
- Magenta (25%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (26%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04BDFB 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 04BDFB by changing the saturation by 10% instead.

 04BDFB

 04BDFB

FFFFFF

 00A2DE

 71F5FF

 0088C2

 93FFFF

 006EA7

 B4FFFF

 00568C

 D4FFFF

 003F72

 F4FFFF

 002959

 001242

 00032B

 000115

 04BDFB

 04BDFB

 00BCFB

 1DC3FB

 36CAFB

 4FD0FB

 68D6FB

 82DDFB

 9BE3FB

 B4E9FB

 CDEFFB

 E6F6FB

Harmonies

Analogous

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



00C4E0



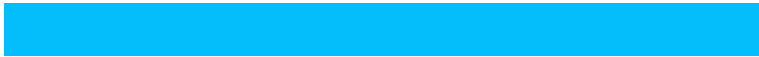
04BDFB



7FB1FF

Triad

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



04BDFB



FE8EA8



95BC6C

Complementary

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



04BDFB



FB4204

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.



C1B15C



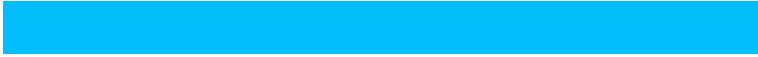
04BDFB



FB9581

Square

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



04BDFB



EB94D1



E4A264



5FC38E

Rectangle

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



04BDFB



ADA7FA



E4A264



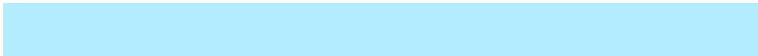
A4B964

Sweetspot

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



04BDFB



B3ECFF



04FB42



527480



000000



808080

Same Dimension

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



04BDFB



00BFFF



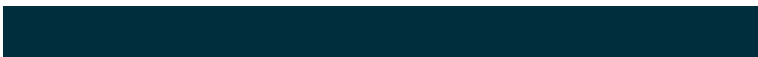
0442FB



707A7D



008DBD



002E3D

Inverse Universe

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



FB04BD



FF00BF



FBBD04



7D707A



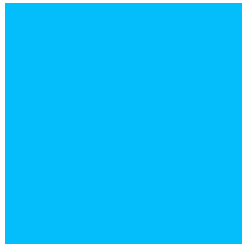
BD008D



3D002E

Previews

White Background



This preview shows how the Hex color 04BDFB looks on a white background.

Color Contrast Check

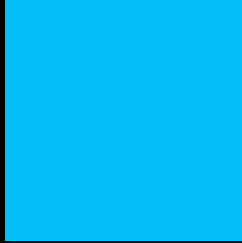
Large Text (above 18pt) WCAG AA × Fail

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 04BDFB 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 04BDFB Background



This preview shows how black text looks on a background with the Hex color 04BDFB.

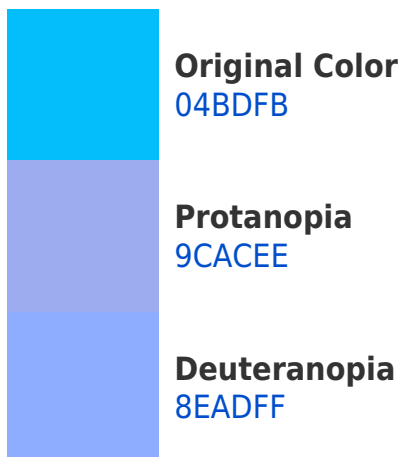


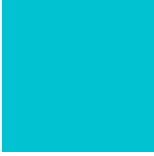
This preview shows how white text looks on a background with the Hex color 04BDFB.

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

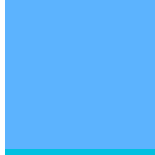
Trichromacy



Original Color
04BDFB



Protanomaly
65B2F3



Deuteranomaly
5CB3FE



Tritanomaly
01C0E0

Monochromacy



Original Color
04BDFB



Achromatopsia
8D8D8D



Achromatomaly
5B9EB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 04BDFB 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 #04BDFB looks like.

```
.text, #text, p{  
    color:#04BDFB  
}
```

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 #04BDFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04BDFB
}
```

Border

The CSS property to change the border of an element to Hex 04BDFB 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
#04BDFB }
```

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

```
.border{ border-color:#04BDFB }
```

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

Here you see how a box with a 4 pixel #04BDFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04BDFB; -webkit-box-shadow:4px 4px  
4px 4px #04BDFB; box-shadow:4px 4px 4px  
4px #04BDFB }
```

Background

The CSS property to change the background color of an element to Hex 04BDFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04BDFB }
```

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

```
.background{ background-color:#04BDFB }
```

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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