

Converting Colors

Hex(04B8FB)

Have a look what the booklet for
Hex(04B8FB) contains.

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Color

Hex(04B8FB)

Conversions

Conversions Part 1

Format	Color
Hex	04B8FB
RGB	4, 184, 251
RGB Percent	2%, 72%, 98%
CMY	0.9843, 0.2784, 0.0157
CMYK	0.98, 0.27, 0.00, 0.02
HSL	196°, 97%, 50%
HSV	196°, 98%, 98%
XYZ	34.6031, 41.2718, 97.4093
YIQ	137.8180, -128.7870, -17.3230

Conversions

Conversions Part 2

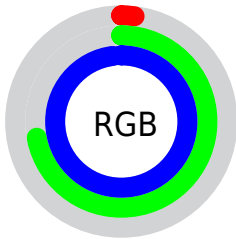
Format	Color
RYB	4, 108, 251
Decimal	309499
CIELab	70.37, -15.24, -43.81
CIELCh	70, 46.383, 250.812
Yxy	41.2718, 0.1997, 0.2382
Android (android.graphics.Color)	4278499579 (0xFF04B8FB)
YUV	137.8180, 55.7987, -117.3584
Hunter-Lab	64.2432, -16.2805, -44.9288

Details

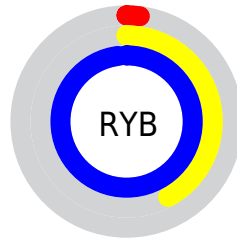
The Hex color **04B8FB** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **FB4704**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **71F0FF**, and **0083C2** is the 20% darker color. If you saturate the color by 10%, you get **00B7FB**, and if you desaturate by 10%, it is **1DBFFB**.

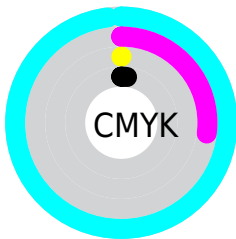
Distribution



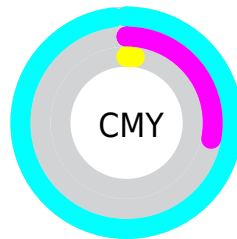
- Red (2%)
- Green (72%)
- Blue (98%)



- Red (2%)
- Yellow (42%)
- Blue (98%)



- Cyan (98%)
- Magenta (27%)
- Yellow (0%)
- Black (2%)



- Cyan (98%)
- Magenta (28%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04B8FB 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 04B8FB by changing the saturation by 10% instead.

 04B8FB

 04B8FB

FFFFFF

 009DDE

 71F0FF

 0083C2

 93FFFF

 006AA7

 B3FFFF

 00528C

 D3FFFF

 003B72

 F3FFFF

 002659

 000941

 00032A

 000115

■ 04B8FB

■ 04B8FB

■ 00B7FB

■ 1DBFFB

■ 36C6FB

■ 4FCCFB

■ 68D3FB

■ 82DAFB

■ 9BE1FB

■ B4E8FB

■ CDEEFB

■ E6F5FB

Harmonies

Analogous

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



00C0E2



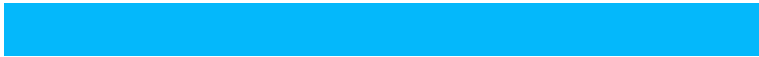
04B8FB



84ABFF

Triad

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



04B8FB



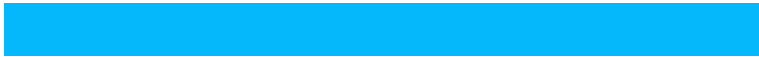
FC8A9E



89B96A

Complementary

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



04B8FB



FB4704

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.



B7AF57



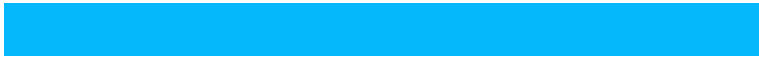
04B8FB



F69277

Square

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



04B8FB



EC8EC9



DDA05C



4EC08F

Rectangle

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



04B8FB



B1A1F5



DDA05C



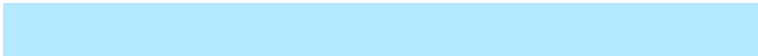
99B661

Sweetspot

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



04B8FB



B3EAFF



04FB46



527380



000000



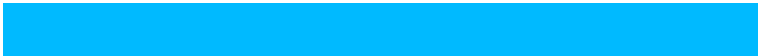
808080

Same Dimension

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



04B8FB



00BAFF



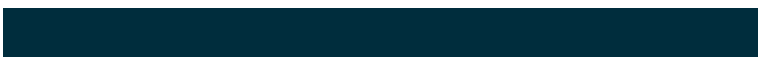
043EFB



707A7D



008ABD



002D3D

Inverse Universe

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



FB04B8



FF00BA



FBC104



7D707A



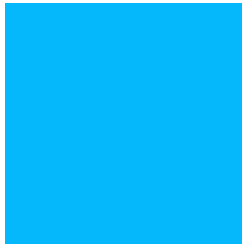
BD008A



3D002D

Previews

White Background



This preview shows how the Hex color 04B8FB looks on a white background.

Color Contrast Check

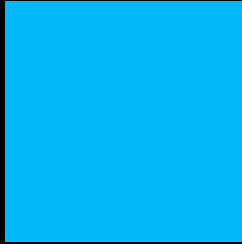
Large Text (above 18pt) WCAG AA × Fail

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 04B8FB 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

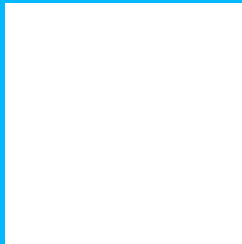
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 04B8FB Background



This preview shows how black text looks on a background with the Hex color 04B8FB.



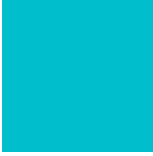
This preview shows how white text looks on a background with the Hex color 04B8FB.

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
04B8FB



Protanomaly
60AEF3



Deuteranomaly
57AFFD



Tritanomaly
01BCDD

Monochromacy



Original Color
04B8FB



Achromatopsia
8A8A8A



Achromatomaly
599BB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 04B8FB 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 #04B8FB looks like.

```
.text, #text, p{  
    color:#04B8FB  
}
```

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 #04B8FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04B8FB
}
```

Border

The CSS property to change the border of an element to Hex 04B8FB 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
#04B8FB }
```

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

```
.border{ border-color:#04B8FB }
```

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

Here you see how a box with a 4 pixel #04B8FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04B8FB; -webkit-box-shadow:4px 4px  
4px 4px #04B8FB; box-shadow:4px 4px 4px  
4px #04B8FB }
```

Background

The CSS property to change the background color of an element to Hex 04B8FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04B8FB }
```

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

```
.background{ background-color:#04B8FB }
```

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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