

Converting Colors

Hex(04BBF6)

Have a look what the booklet for
Hex(04BBF6) contains.

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Color

Hex(04BBF6)

Conversions

Conversions Part 1

Format	Color
Hex	04BBF6
RGB	4, 187, 246
RGB Percent	2%, 73%, 96%
CMY	0.9843, 0.2667, 0.0353
CMYK	0.98, 0.24, 0.00, 0.04
HSL	195°, 97%, 49%
HSV	195°, 98%, 96%
XYZ	34.4549, 42.2203, 93.5221
YIQ	139.0090, -128.0070, -20.4470

Conversions

Conversions Part 2

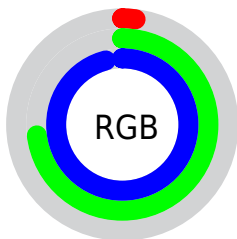
Format	Color
RYB	4, 108, 246
Decimal	310262
CIELab	71.02, -18.58, -40.08
CIELCh	71, 44.175, 245.121
Yxy	42.2203, 0.2024, 0.2481
Android (android.graphics.Color)	4278500342 (0xFF04BBF6)
YUV	139.0090, 52.7466, -118.4029
Hunter-Lab	64.9771, -19.0581, -39.8526

Details

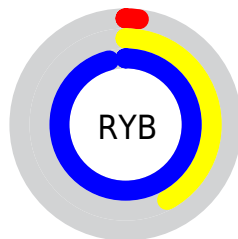
The Hex color **04BBF6** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **F63F04**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **70F3FF**, and **0086BD** is the 20% darker color. If you saturate the color by 10%, you get **00BAF6**, and if you desaturate by 10%, it is **1DC1F6**.

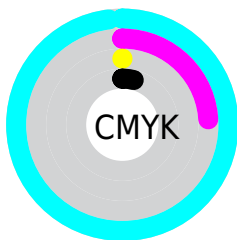
Distribution



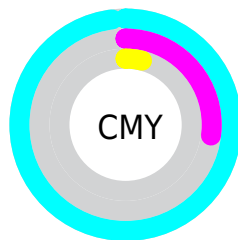
- Red (2%)
- Green (73%)
- Blue (96%)



- Red (2%)
- Yellow (42%)
- Blue (96%)



- Cyan (98%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (98%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04BBF6 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 04BBF6 by changing the saturation by 10% instead.

 04BBF6

 04BBF6

FFFFFF

 00A0D9

 70F3FF

 0086BD

 92FFFF

 006CA2

 B2FFFF

 005488

 D2FFFF

 003D6E

 F2FFFF

 002755

 000D3E

 000327

 000111

04BBF6

04BBF6

00BAF6

1DC1F6

35C7F6

4ECDF6

66D3F6

7FD9F6

98DFF6

B0E5F6

C9EBF6

E1F1F6

Harmonies

Analogous

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



00C1DB



04BBF6



7BB0FE

Triad

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



04BBF6



FA8DA8



96B96A

Complementary

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



04BBF6



F63F04

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.



C0AE5C



04BBF6



F79382

Square

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



04BBF6



E693D0



E2A065



62C08B

Rectangle

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



04BBF6



A8A6F7



E2A065



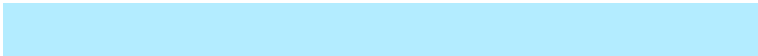
A5B663

Sweetspot

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



04BBF6



B3ECFF



04F63C



527480



000000



808080

Same Dimension

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



04BBF6



00C1FF



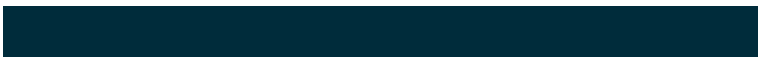
0445F6



6E777A



008DBA



002C3B

Inverse Universe

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



F604BB



FF00C1



F6B504



7A6E77



BA008D



3B002C

Previews

White Background



This preview shows how the Hex color 04BBF6 looks on a white background.

Color Contrast Check

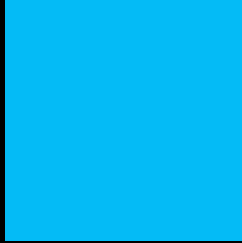
Large Text (above 18pt) WCAG AA × Fail

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 04BBF6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

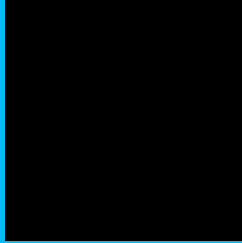
Any Text WCAG AA ✓ Pass

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 04BBF6 Background



This preview shows how black text looks on a background with the Hex color 04BBF6.



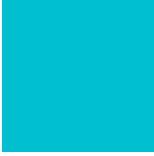
This preview shows how white text looks on a background with the Hex color 04BBF6.

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
00C0CF

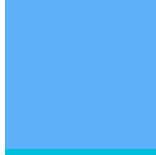
Trichromacy



Original Color
04BBF6



Protanomaly
64B0EE



Deuteranomaly
5CB1F9



Tritanomaly
01BEDD

Monochromacy



Original Color
04BBF6



Achromatopsia
8B8B8B



Achromatomaly
5A9CB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 04BBF6 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 #04BBF6 looks like.

```
.text, #text, p{  
    color:#04BBF6  
}
```

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 #04BBF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04BBF6
}
```

Border

The CSS property to change the border of an element to Hex 04BBF6 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
#04BBF6 }
```

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

```
.border{ border-color:#04BBF6 }
```

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

Here you see how a box with a 4 pixel #04BBF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04BBF6; -webkit-box-shadow:4px 4px  
4px 4px #04BBF6; box-shadow:4px 4px 4px  
4px #04BBF6 }
```

Background

The CSS property to change the background color of an element to Hex 04BBF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04BBF6 }
```

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

```
.background{ background-color:#04BBF6 }
```

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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