

Converting Colors

Hex(06F9BD)

Have a look what the booklet for
Hex(06F9BD) contains.

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Color

Hex(06F9BD)

Conversions

Conversions Part 1

Format	Color
Hex	06F9BD
RGB	6, 249, 189
RGB Percent	2%, 98%, 74%
CMY	0.9765, 0.0235, 0.2588
CMYK	0.98, 0.00, 0.24, 0.02
HSL	165°, 95%, 50%
HSV	165°, 98%, 98%
XYZ	43.1361, 71.4642, 59.6646
YIQ	169.5030, -125.5680, -70.1760

Conversions

Conversions Part 2

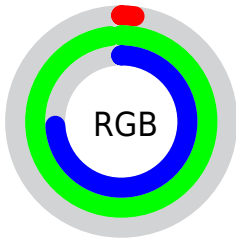
Format	Color
RYB	6, 145, 249
Decimal	457149
CIELab	87.71, -62.78, 15.15
CIELCh	88, 64.586, 166.435
Yxy	71.4642, 0.2475, 0.4101
Android (android.graphics.Color)	4278647229 (0xFF06F9BD)
YUV	169.5030, 9.6120, -143.3921
Hunter-Lab	84.5365, -56.8564, 17.3296

Details

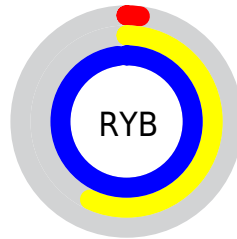
The Hex color **06F9BD** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F90642**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **74FFF5**, and **00BF88** is the 20% darker color. If you saturate the color by 10%, you get **00F9BC**, and if you desaturate by 10%, it is **1FF9C3**.

Distribution



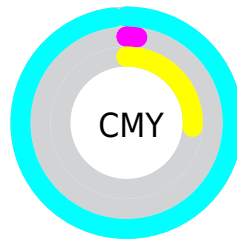
- Red (2%)
- Green (98%)
- Blue (74%)



- Red (2%)
- Yellow (57%)
- Blue (98%)



- Cyan (98%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 06F9BD 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 06F9BD by changing the saturation by 10% instead.

 06F9BD

 06F9BD

FFFFFF

 00DCA2

 74FFF5

 00BF88

 96FFFF

 00A36E

 B7FFFF

 008856

 D7FFFF

 006D3E

 F7FFFF

 005328

 003B13

 002200

 000000

 06F9BD

 06F9BD

 00F9BC


 1FF9C3

 38F9C9

 51F9CF

 6AF9D6

 83F9DC

 9BF9E2

 B4F9E8

 CDF9EE

 E6F9F4

Harmonies

Analogous

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



99F184



06F9BD



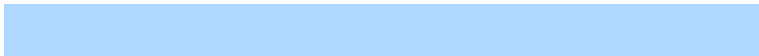
00FBFD

Triad

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



06F9BD



B0D7FF



FFB885

Complementary

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



06F9BD



F90642

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.



FFA8BC



06F9BD



FFBEFF

Square

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



06F9BD



00EAFB



FFABFA



FFCF61

Rectangle

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



06F9BD



00F9FF



FFABFA



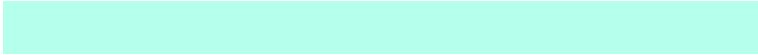
FFB196

Sweetspot

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



06F9BD



B5FFED



43F906



538074



000000



808080

Same Dimension

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



06F9BD



00FFC0



06BCF9



707D7A



00BD8E



003D2E

Inverse Universe

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



F90642



FF003F



F94306



7D7074



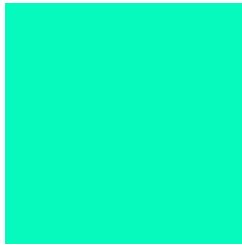
BD002F



3D000F

Previews

White Background



This preview shows how the Hex color 06F9BD looks on a white background.

Color Contrast Check

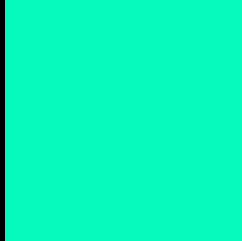
Large Text (above 18pt) WCAG AA × Fail

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 06F9BD 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

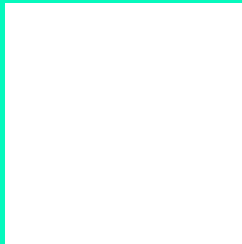
Any Text WCAG AAA ✓ Pass

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

Hex 06F9BD Background



This preview shows how black text looks on a background with the Hex color 06F9BD.

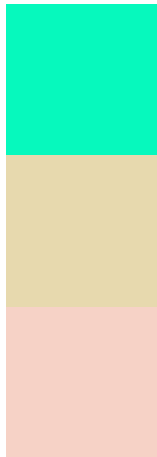


This preview shows how white text looks on a background with the Hex color 06F9BD.

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](#).

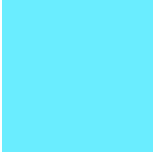
Dichromacy



Original Color
06F9BD

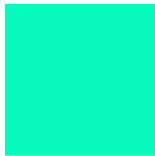
Protanopia
E7D9AE

Deuteranopia
F6D2C6

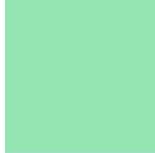


Tritanopia
6AEDFF

Trichromacy



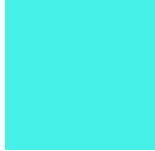
Original Color
06F9BD



Protanomaly
95E5B3



Deuteranomaly
9FE0C3



Tritanomaly
46F1E7

Monochromacy



Original Color
06F9BD



Achromatopsia
AAAAAA



Achromatomaly
6EC7B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 06F9BD 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 #06F9BD looks like.

```
.text, #text, p{  
    color:#06F9BD  
}
```

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 #06F9BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06F9BD
}
```

Border

The CSS property to change the border of an element to Hex 06F9BD 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
#06F9BD }
```

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

```
.border{ border-color:#06F9BD }
```

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

Here you see how a box with a 4 pixel #06F9BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06F9BD; -webkit-box-shadow:4px 4px  
4px 4px #06F9BD; box-shadow:4px 4px 4px  
4px #06F9BD }
```

Background

The CSS property to change the background color of an element to Hex 06F9BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06F9BD }
```

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

```
.background{ background-color:#06F9BD }
```

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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