

# Converting Colors

Hex(06FFB0)

Have a look what the booklet for  
Hex(06FFB0) contains.

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# **Color**

**Hex(06FFB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06FFB0
RGB	6, 255, 176
RGB Percent	2%, 100%, 69%
CMY	0.9765, 0.0000, 0.3098
CMYK	0.98, 0.00, 0.31, 0.00
HSL	161°, 100%, 51%
HSV	161°, 98%, 100%
XYZ	43.6716, 74.6933, 53.1898
YIQ	171.5430, -123.0450, -77.3570

# Conversions

## Conversions Part 2

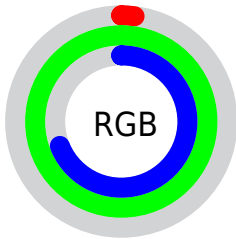
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 154, 255
Decimal	458672
CIELab	89.25, -67.84, 23.95
CIELCh	89, 71.939, 160.554
Yxy	74.6933, 0.2546, 0.4354
Android (android.graphics.Color)	4278648752 (0xFF06FFB0)
YUV	171.5430, 2.1973, -145.1812
Hunter-Lab	86.4253, -61.0464, 24.0081

# Details

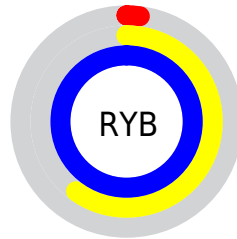
The Hex color **06FFB0** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FF0655**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **75FFE8**, and **00C57B** is the 20% darker color. If you saturate the color by 10%, you get **00FFAE**, and if you desaturate by 10%, it is **20FFB8**.

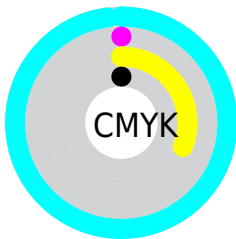
# Distribution



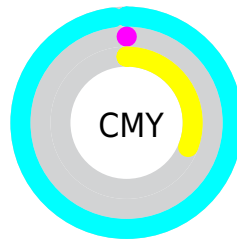
- Red (2%)
- Green (100%)
- Blue (69%)



- Red (2%)
- Yellow (60%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (98%)
- Magenta (0%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06FFB0 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 06FFB0 by changing the saturation by 10% instead.



 06FFB0

 06FFB0

FFFFFF

 00E295

 75FFE8

 00C57B

 97FFFF

 00A962

 B8FFFF

 008D4A

 D9FFFF

 007232

 F9FFFF

 00581C

 003F04

 002600

 000000

 06FFB0

 06FFB0

 00FFAE

 20FFB8

 39FFC0

 53FFC8

 6CFFD0

 86FFD8

 9FFFE1

 B9FFE9

 D2FFF1

 ECFFF9

# Harmonies

## Analogous

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



A4F572



06FFB0



00FFF7

# Triad

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



06FFB0



8EE0FF



FFB28A

# Complementary

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



06FFB0



FF0655

# 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.



FFA3CB



06FFB0



FFC4FF

# Square

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



06FFB0



00F4FF



FFABFF



FFCC5B

# Rectangle

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



06FFB0



00FFFF



FFABFF



FFAB9E

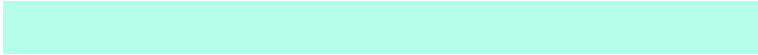


# Sweetspot

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



06FFB0



B5FFE8



59FF06



538071



000000



808080



# Same Dimension

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



06FFB0



00FFAE



06D5FF



73807B



00BF83



00402C



# Inverse Universe

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



FF0655



FF0051



FF3006



807377



BF003D

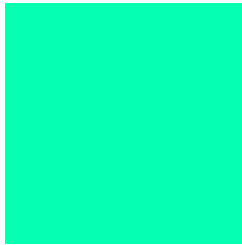


400014



# Previews

## White Background



This preview shows how the Hex color 06FFB0 looks on a white background.

## Color Contrast Check

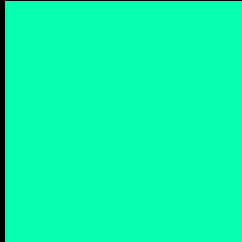
Large Text (above 18pt) WCAG AA × Fail

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 06FFB0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

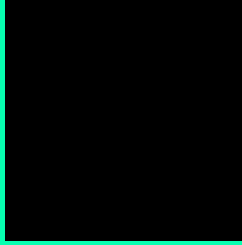
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 06FFB0 Background



This preview shows how black text looks on a background with the Hex color 06FFB0.



This preview shows how white text looks on a background with the Hex color 06FFB0.

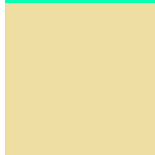
# Color Blindness Simulation

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](#).

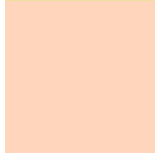
## Dichromacy



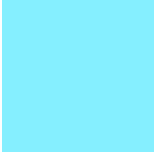
**Original Color**  
06FFB0



**Protanopia**  
EFDEA1

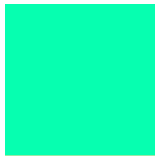


**Deuteranopia**  
FFD6BB



**Tritanopia**  
85EFFF

# Trichromacy



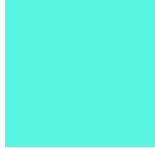
**Original Color**  
06FFB0



**Protanomaly**  
9AEAA6



**Deuteranomaly**  
A4E5B7



**Tritanomaly**  
57F5E2

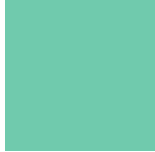
# Monochromacy



**Original Color**  
06FFB0



**Achromatopsia**  
ACACAC



**Achromatomaly**  
70CAAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06FFB0 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 #06FFB0 looks like.

```
.text, #text, p{  
    color:#06FFB0  
}
```

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 #06FFB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06FFB0
}
```

## Border

The CSS property to change the border of an element to Hex 06FFB0 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
#06FFB0 }
```

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

```
.border{ border-color:#06FFB0 }
```

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

Here you see how a box with a 4 pixel #06FFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06FFB0; -webkit-box-shadow:4px 4px  
4px 4px #06FFB0; box-shadow:4px 4px 4px  
4px #06FFB0 }
```

# Background

The CSS property to change the background color of an element to Hex 06FFB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06FFB0 }
```

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

```
.background{ background-color:#06FFB0 }
```

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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