

Converting Colors

Hex(06FFB4)

Have a look what the booklet for
Hex(06FFB4) contains.

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Color

Hex(06FFB4)

Conversions

Conversions Part 1

Format	Color
Hex	06FFB4
RGB	6, 255, 180
RGB Percent	2%, 100%, 71%
CMY	0.9765, 0.0000, 0.2941
CMYK	0.98, 0.00, 0.29, 0.00
HSL	162°, 100%, 51%
HSV	162°, 98%, 100%
XYZ	44.0733, 74.8540, 55.3054
YIQ	171.9990, -124.3290, -76.1130

Conversions

Conversions Part 2

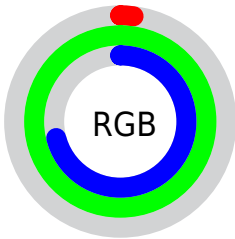
Format	Color
RYB	6, 153, 255
Decimal	458676
CIELab	89.32, -66.98, 22.02
CIELCh	89, 70.507, 161.803
Yxy	74.8540, 0.2530, 0.4296
Android (android.graphics.Color)	4278648756 (0xFF06FFB4)
YUV	171.9990, 3.9445, -145.5811
Hunter-Lab	86.5182, -60.4770, 22.6626

Details

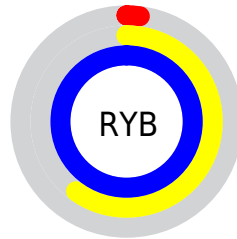
The Hex color **06FFB4** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **FF0651**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **75FFEC**, and **00C57F** is the 20% darker color. If you saturate the color by 10%, you get **00FFB2**, and if you desaturate by 10%, it is **20FFBC**.

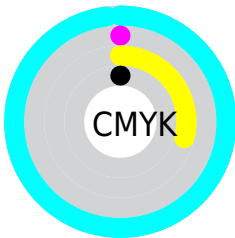
Distribution



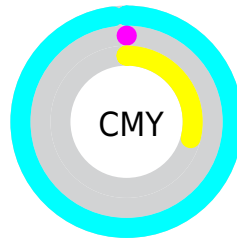
- Red (2%)
- Green (100%)
- Blue (71%)



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



- Cyan (98%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)




- Cyan (98%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06FFB4 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 06FFB4 by changing the saturation by 10% instead.


 06FFB4

 06FFB4

FFFFFF

 00E299

 75FFEC

 00C57F

 97FFFF

 00A966

 B8FFFF

 008D4D


 D9FFFF

 007236

 F9FFFF

 005820

 003F09

 002600

 000000

 06FFB4

 06FFB4

 00FFB2

 20FFBC

 39FFC3

 53FFCB

 6CFFD3

 86FFDA

 9FFFE2

 B9FFEA

 D2FFF1

 ECFFF9

Harmonies

Analogous

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



A3F677



06FFB4



00FFFA

Triad

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



06FFB4



98DFFF



FFB58A

Complementary

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



06FFB4



FF0651

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.



FFA5C8



06FFB4



FFC4FF

Square

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



06FFB4



00F3FF



FFACFF



FFCE5D

Rectangle

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



06FFB4



00FFFF



FFACFF



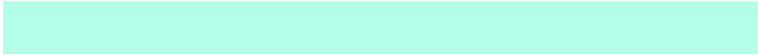
FFAE9D

Sweetspot

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



06FFB4



B5FFE9



55FF06



538072



000000



808080

Same Dimension

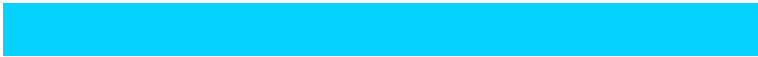
The Same Dimension uses a secret algorithm to generate beautiful new colors.



06FFB4



00FFB2



06D1FF



73807C



00BF86



00402D

Inverse Universe

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



FF0651



FF004D



FF3406



807377



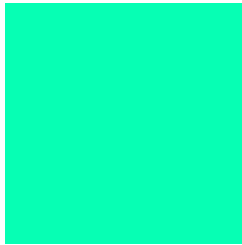
BF003A



400013

Previews

White Background



This preview shows how the Hex color 06FFB4 looks on a white background.

Color Contrast Check

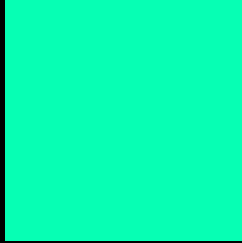
Large Text (above 18pt) WCAG AA × Fail

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 06FFB4 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 06FFB4 Background



This preview shows how black text looks on a background with the Hex color 06FFB4.

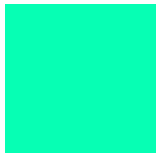


This preview shows how white text looks on a background with the Hex color 06FFB4.

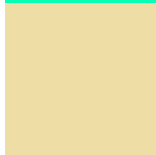
Color Blindness Simulation

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



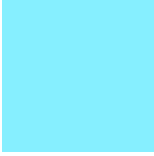
Original Color
06FFB4



Protanopia
EEDEA5

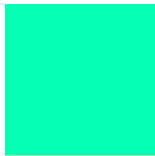


Deuteranopia
FFD6BE



Tritanopia
86EFFF

Trichromacy



Original Color
06FFB4



Protanomaly
9AEAAA



Deuteranomaly
A4E5BA

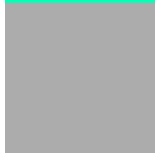


Tritanomaly
57F5E4

Monochromacy



Original Color
06FFB4



Achromatopsia
ACACAC



Achromatomaly
70CAAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 06FFB4 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 #06FFB4 looks like.

```
.text, #text, p{  
    color:#06FFB4  
}
```

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 #06FFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06FFB4
}
```

Border

The CSS property to change the border of an element to Hex 06FFB4 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
#06FFB4 }
```

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

```
.border{ border-color:#06FFB4 }
```

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

Here you see how a box with a 4 pixel #06FFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06FFB4; -webkit-box-shadow:4px 4px  
4px 4px #06FFB4; box-shadow:4px 4px 4px  
4px #06FFB4 }
```

Background

The CSS property to change the background color of an element to Hex 06FFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06FFB4 }
```

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

```
.background{ background-color:#06FFB4 }
```

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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