

# Converting Colors

Hex(04FBB0)

Have a look what the booklet for  
Hex(04FBB0) contains.

<b>Hex(04FBB0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(04FBB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04FBB0
RGB	4, 251, 176
RGB Percent	2%, 98%, 69%
CMY	0.9843, 0.0157, 0.3098
CMYK	0.98, 0.00, 0.30, 0.02
HSL	162°, 97%, 50%
HSV	162°, 98%, 98%
XYZ	42.3837, 72.1548, 52.7677
YIQ	168.5970, -123.1370, -75.6890

# Conversions

## Conversions Part 2

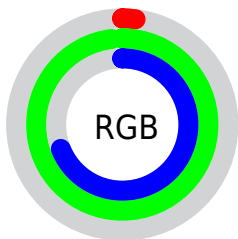
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 150, 251
Decimal	326576
CIELab	88.04, -66.47, 22.29
CIELCh	88, 70.104, 161.462
Yxy	72.1548, 0.2533, 0.4313
Android (android.graphics.Color)	4278516656 (0xFF04FBB0)
YUV	168.5970, 3.6497, -144.3516
Hunter-Lab	84.9440, -59.5874, 22.6295

# Details

The Hex color **04FBB0** 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 **FB044F**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **73FFE8**, and **00C17B** is the 20% darker color. If you saturate the color by 10%, you get **00FBAF**, and if you desaturate by 10%, it is **1DFBB8**.

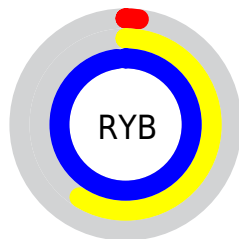
# Distribution



Red (2%)

Green (98%)

Blue (69%)



Red (2%)

Yellow (59%)

Blue (98%)

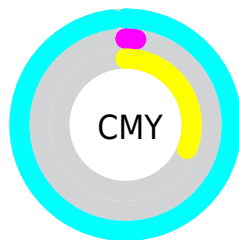


Cyan (98%)

Magenta (0%)

Yellow (30%)

Black (2%)



Cyan (98%)

Magenta (2%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04FBB0 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 04FBB0 by changing the saturation by 10% instead.



 04FBB0

 04FBB0

FFFFFF

 00DE95

 73FFE8

 00C17B

 96FFFF

 00A562

 B7FFFF

 00894A

 D7FFFF

 006F33

 F7FFFF

 00541C

 003C05

 002300

 000000

 04FBB0

 04FBB0

 00FBAF

 1DFBB8

 36FBBF

 4FFBC7

 68FBCE

 82FBD6

 9BFBDE

 B4FBE5

 CDFBED

 E6FBF5

# Harmonies

## Analogous

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



A0F274



04FBB0



00FEF5

# Triad

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



04FBB0



93DBFF



FFB188

# Complementary

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



04FBB0



FB044F

# 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.



FFA2C6



04FBB0



FFC1FF

# Square

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



04FBB0



00EFFF



FFA8FF



FFCA5B

# Rectangle

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



04FBBO



00FCFF



FFA8FF



FFAA9B

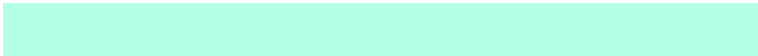


# Sweetspot

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



04FB80



B3FFE8



52FB04



528072



000000



808080



# Same Dimension

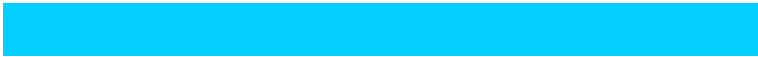
The Same Dimension uses a secret algorithm to generate beautiful new colors.



04FB80



00FFB2



04CEFB



707D79



00BD83



003D2B



# Inverse Universe

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



FB044F



FF004D



FB3104



7D7074



BD0039

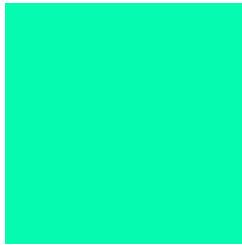


3D0013



# Previews

## White Background



This preview shows how the Hex color 04FBB0 looks on a white background.

## Color Contrast Check

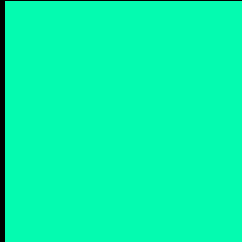
Large Text (above 18pt) WCAG AA × Fail

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 04FBB0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

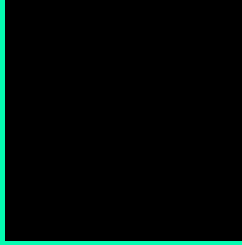
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 04FBB0 Background



This preview shows how black text looks on a background with the Hex color 04FBB0.

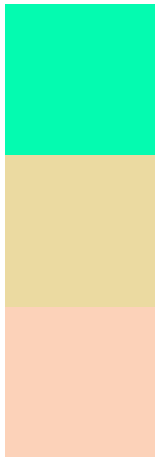


This preview shows how white text looks on a background with the Hex color 04FBB0.

# 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](#).

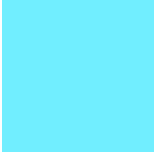
## Dichromacy



**Original Color**  
04FBB0

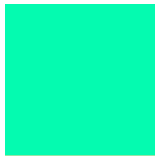
**Protanopia**  
EBDAA1

**Deuteranopia**  
FCD2B9

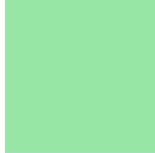


**Tritanopia**  
71EEFF

# Trichromacy



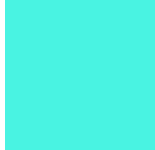
**Original Color**  
04FBB0



**Protanomaly**  
97E6A6



**Deuteranomaly**  
A2E1B6



**Tritanomaly**  
49F3E2

# Monochromacy



**Original Color**  
04FBB0



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
6DC7AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04FBB0 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 #04FBB0 looks like.

```
.text, #text, p{  
    color:#04FBB0  
}
```

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 #04FBB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04FBB0
}
```

## Border

The CSS property to change the border of an element to Hex 04FBB0 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
#04FBB0 }
```

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

```
.border{ border-color:#04FBB0 }
```

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

Here you see how a box with a 4 pixel #04FBB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04FBB0; -webkit-box-shadow:4px 4px  
4px 4px #04FBB0; box-shadow:4px 4px 4px  
4px #04FBB0 }
```

# Background

The CSS property to change the background color of an element to Hex 04FBB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04FBB0 }
```

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

```
.background{ background-color:#04FBB0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor