

# Converting Colors

Hex(04FFBA)

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

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**Color**

**Hex(04FFBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04FFBA
RGB	4, 255, 186
RGB Percent	2%, 100%, 73%
CMY	0.9843, 0.0000, 0.2706
CMYK	0.98, 0.00, 0.27, 0.00
HSL	164°, 100%, 51%
HSV	164°, 98%, 100%
XYZ	44.6730, 75.0910, 58.5939
YIQ	172.0850, -127.4470, -74.6710

# Conversions

## Conversions Part 2

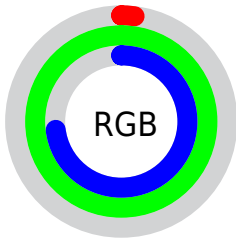
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 149, 255
Decimal	327610
CIELab	89.44, -65.71, 19.11
CIELCh	89, 68.434, 163.786
Yxy	75.0910, 0.2505, 0.4210
Android (android.graphics.Color)	4278517690 (0xFF04FFBA)
YUV	172.0850, 6.8601, -147.4105
Hunter-Lab	86.6551, -59.6248, 20.5682

# Details

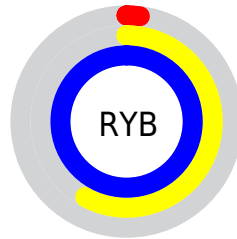
The Hex color **04FFBA** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **FF0449**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **75FFF2**, and **00C585** is the 20% darker color. If you saturate the color by 10%, you get **00FFB9**, and if you desaturate by 10%, it is **1DFFC1**.

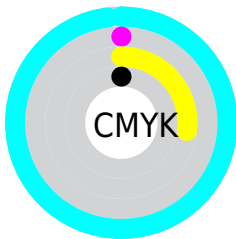
# Distribution



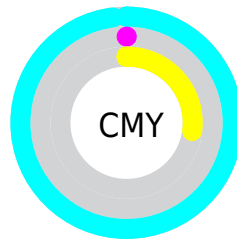
- Red (2%)
- Green (100%)
- Blue (73%)



- Red (2%)
- Yellow (58%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (98%)
- Magenta (0%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 04FFBA

 04FFBA

FFFFFF

 00E29F

 75FFF2

 00C585

 97FFFF

 00A96B

 B8FFFF

 008D53

 D9FFFF

 00723B

 F9FFFF

 005825

 003F10

 002600

 000000

 04FFBA

 04FFBA

 00FFB9

 1DFFC1

 37FFC8

 51FFCF

 6AFFD6

 84FFDD

 9DFFE4

 B6FFEB

 D0FFF2

 EAFFF9

# Harmonies

## Analogous

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



A0F67E



04FFBA



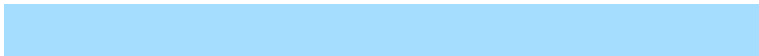
00FFFE

# Triad

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



04FFBA



A5DDFF



FFB889

# Complementary

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



04FFBA



FF0449

# 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.



FFA8C5



04FFBA



FFC3FF

# Square

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



04FFBA



00F2FF



FFADFF



FFD160

# Rectangle

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



04FFBA



00FFFF



FFADFF



FFB19C

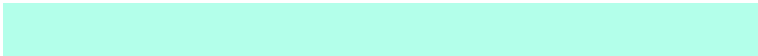


# Sweetspot

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



04FFBA



B3FFEA



4BFF04



528073



000000



808080



# Same Dimension

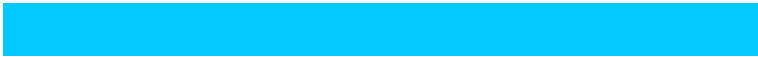
The Same Dimension uses a secret algorithm to generate beautiful new colors.



04FFBA



00FFB9



04C9FF



73807C



00BF8B



00402E



# Inverse Universe

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



FF0449



FF0046



FF3A04



807376



BF0035

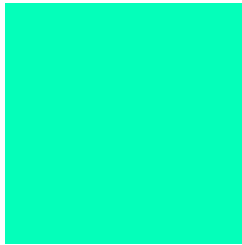


400012



# Previews

## White Background



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

## Color Contrast Check

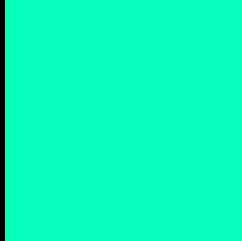
Large Text (above 18pt) WCAG AA × Fail

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 04FFBA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

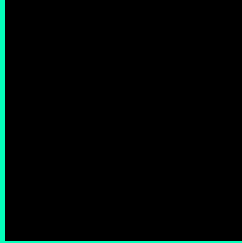
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 04FFBA Background



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

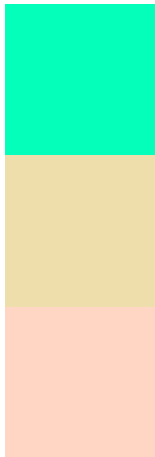


This preview shows how white text looks on a background with the Hex color 04FFBA.

# 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](#).

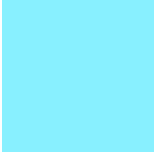
## Dichromacy



**Original Color**  
04FFBA

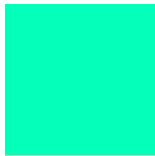
**Protanopia**  
EEDEAB

**Deuteranopia**  
FED6C3



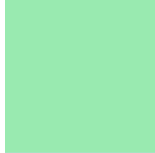
**Tritanopia**  
88F0FF

# Trichromacy



**Original Color**

04FFBA



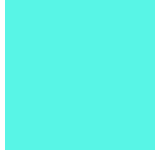
**Protanomaly**

99EAB0



**Deuteranomaly**

A3E5C0



**Tritanomaly**

58F5E6

# Monochromacy



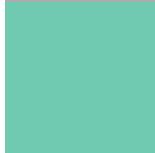
**Original Color**

04FFBA



**Achromatopsia**

ACACAC



**Achromatomaly**

6FCAB1

# CSS Examples

## Text

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

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

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 #04FFBA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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