

Converting Colors

Hex(04FFC7)

Have a look what the booklet for
Hex(04FFC7) contains.

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Color

Hex(04FFC7)

Conversions

Conversions Part 1

Format	Color
Hex	04FFC7
RGB	4, 255, 199
RGB Percent	2%, 100%, 78%
CMY	0.9843, 0.0000, 0.2196
CMYK	0.98, 0.00, 0.22, 0.00
HSL	167°, 100%, 51%
HSV	167°, 98%, 100%
XYZ	46.1189, 75.6693, 66.2078
YIQ	173.5670, -131.6200, -70.6280

Conversions

Conversions Part 2

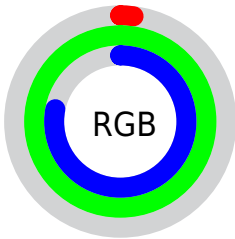
Format	Color
RYB	4, 145, 255
Decimal	327623
CIELab	89.71, -62.73, 12.81
CIELCh	90, 64.021, 168.456
Yxy	75.6693, 0.2453, 0.4025
Android (android.graphics.Color)	4278517703 (0xFF04FFC7)
YUV	173.5670, 12.5385, -148.7103
Hunter-Lab	86.9881, -57.5931, 15.7653

Details

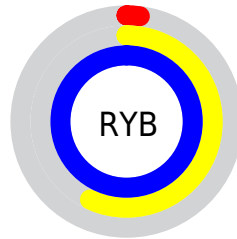
The Hex color **04FFC7** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FF043C**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **75FFFF**, and **00C591** is the 20% darker color. If you saturate the color by 10%, you get **00FFC6**, and if you desaturate by 10%, it is **1DFFCD**.

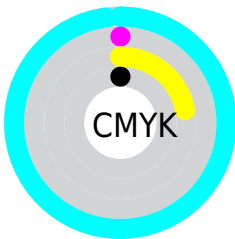
Distribution



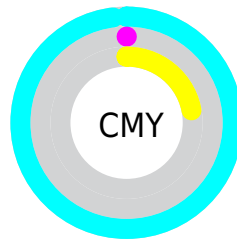
- Red (2%)
- Green (100%)
- Blue (78%)



- Red (2%)
- Yellow (57%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (98%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04FFC7 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 04FFC7 by changing the saturation by 10% instead.

 04FFC7

FFFFFF

 75FFFF

 98FFFF

 B9FFFF

 DAFFFF

 FAFFFF

 04FFC7

 00E2AC

 00C591

 00A977

 008D5F

 007347

 005830

 003F1B

 002702

 000000

 04FFC7

 04FFC7

 00FFC6

 1DFFCD

 37FFD2

 51FFD8

 6AFFDE

 84FFE3

 9DFFE9

 B6FFE7

 D0FFF5

 EAFFFA

Harmonies

Analogous

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



9AF88D



04FFC7



00FFFF

Triad

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



04FFC7



BFDBFF



FFBF88

Complementary

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



04FFC7



FF043C

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.



FFAFBE



04FFC7



FFC3FF

Square

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



04FFC7



00EFFF



FFB0FC



FFD667

Rectangle

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



04FFC7



00FEFF



FFB0FC



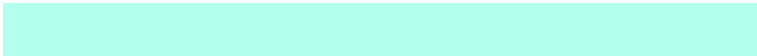
FFB998

Sweetspot

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



04FFC7



B3FFEE



3FFF04



528075



000000



808080

Same Dimension

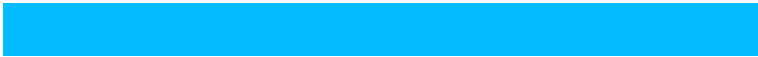
The Same Dimension uses a secret algorithm to generate beautiful new colors.



04FFC7



00FFC6



04BCFF



73807D



00BF95



004032

Inverse Universe

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



FF043C



FF0039



FF4704



807376



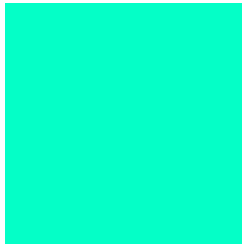
BF002B



40000E

Previews

White Background



This preview shows how the Hex color 04FFC7 looks on a white background.

Color Contrast Check

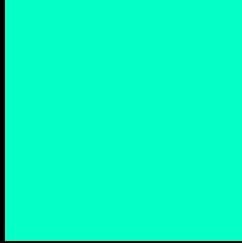
Large Text (above 18pt) WCAG AA × Fail

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 04FFC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

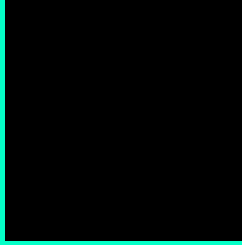
Any Text WCAG AA ✓ Pass

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 04FFC7 Background



This preview shows how black text looks on a background with the Hex color 04FFC7.

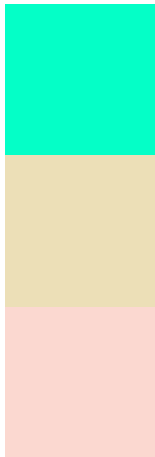


This preview shows how white text looks on a background with the Hex color 04FFC7.

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](#).

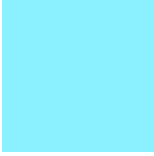
Dichromacy



Original Color
04FFC7

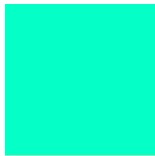
Protanopia
ECDFB7

Deuteranopia
FBD8D0



Tritanopia
8BF0FF

Trichromacy



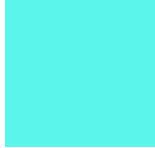
Original Color
04FFC7



Protanomaly
98EBBD



Deuteranomaly
A1E6CD

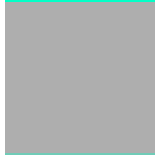


Tritanomaly
5AF5EB

Monochromacy



Original Color
04FFC7



Achromatopsia
AEAEAE



Achromatomaly
70CBB7

CSS Examples

Text

The CSS property to change the color of the text to Hex 04FFC7 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 #04FFC7 looks like.

```
.text, #text, p{  
    color:#04FFC7  
}
```

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 #04FFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04FFC7
}
```

Border

The CSS property to change the border of an element to Hex 04FFC7 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
#04FFC7 }
```

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

```
.border{ border-color:#04FFC7 }
```

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

Here you see how a box with a 4 pixel #04FFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04FFC7; -webkit-box-shadow:4px 4px  
4px 4px #04FFC7; box-shadow:4px 4px 4px  
4px #04FFC7 }
```

Background

The CSS property to change the background color of an element to Hex 04FFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04FFC7 }
```

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

```
.background{ background-color:#04FFC7 }
```

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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