

# Converting Colors

Hex(00FFC7)

Have a look what the booklet for  
Hex(00FFC7) contains.

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# Color

Hex(00FFC7)

# Conversions

## Conversions Part 1

Format	Color
Hex	00FFC7
RGB	0, 255, 199
RGB Percent	0%, 100%, 78%
CMY	1.0000, 0.0000, 0.2196
CMYK	1.00, 0.00, 0.22, 0.00
HSL	167°, 100%, 50%
HSV	167°, 100%, 100%
XYZ	46.0688, 75.6435, 66.2054
YIQ	172.3710, -134.0040, -71.4760

# Conversions

## Conversions Part 2

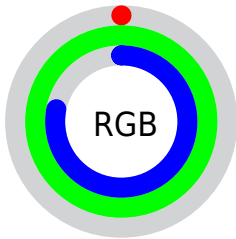
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 143, 255
Decimal	65479
CIELab	89.69, -62.82, 12.79
CIELCh	90, 64.106, 168.488
Yxy	75.6435, 0.2452, 0.4025
Android (android.graphics.Color)	4278255559 (0xFF00FFC7)
YUV	172.3710, 13.1281, -151.1694
Hunter-Lab	86.9733, -57.6537, 15.7488

# Details

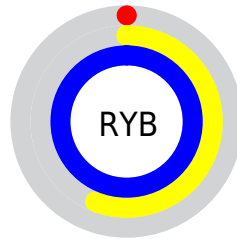
The Hex color **00FFC7** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FF0038**, and the grayscale version is **ACACAC**.

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 **00FFC7**, and if you desaturate by 10%, it is **19FFCD**.

# Distribution



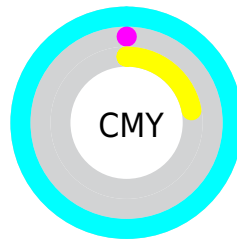
- Red (0%)
- Green (100%)
- Blue (78%)



- Red (0%)
- Yellow (56%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 00FFC7 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 00FFC7 by changing the saturation by 10% instead.



 00FFC7

 00FFC7

FFFFFF

 00E2AC

 75FFFF

 00C591

 97FFFF

 00A977

 B9FFFF

 008D5F

 D9FFFF

 007247

 F9FFFF

 005830

 003F1B

 002702

 000000

 00FFC7

 19FFCD

 33FFD2

 4DFFD8

 66FFDD

 80FFE3

 99FFE9

 B3FFEE

 CCFFF4

 E6FFF9

# Harmonies

## Analogous

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



99F88D



00FFC7



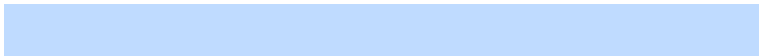
00FFFF

# Triad

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



00FFC7



BFDBFF



FFBF88

# Complementary

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



00FFC7



FF0038

# 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



00FFC7



FFC2FF

# Square

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



00FFC7



00EFFF



FFB0FC



FFD666

# Rectangle

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



00FFC7



00FEFF



FFB0FC



FFB898

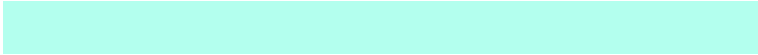


# Sweetspot

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



00FFC7



B3FFEE



3CFF00



528075



000000



808080



# Same Dimension

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



00FFC7



00BBFF



73807D



00BF95



004032

# Inverse Universe

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



FF0038



FF4400



807376



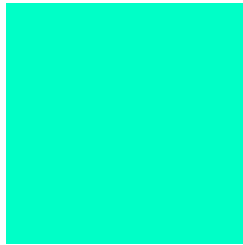
BF002A



40000E

# Previews

## White Background



This preview shows how the Hex color 00FFC7 looks on a white background.

## Color Contrast Check

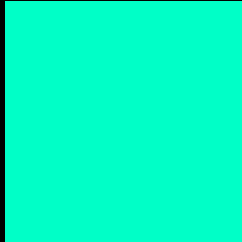
Large Text (above 18pt) WCAG AA × Fail

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 00FFC7 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

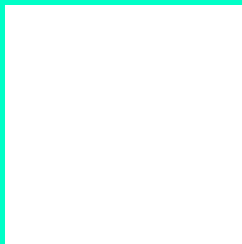
Any Text WCAG AAA ✓ Pass

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

## Hex 00FFC7 Background



This preview shows how black text looks on a background with the Hex color 00FFC7.



This preview shows how white text looks on a background with the Hex color 00FFC7.

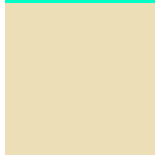
# Color Blindness Simulation

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](#).

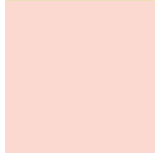
## Dichromacy



**Original Color**  
00FFC7

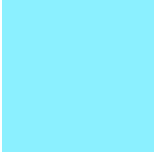


**Protanopia**  
ECDFB7



**Deuteranopia**  
FBD8D0



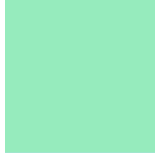


**Tritanopia**  
8BF0FF

# Trichromacy



**Original Color**  
00FFC7



**Protanomaly**  
96EBBD



**Deuteranomaly**  
A0E6CD



**Tritanomaly**  
58F5EB

# Monochromacy



**Original Color**  
00FFC7



**Achromatopsia**  
ACACAC



**Achromatomaly**  
6DCAB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FFC7 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 #00FFC7 looks like.

```
.text, #text, p{  
    color:#00FFC7  
}
```

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 #00FFC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FFC7
}
```

## Border

The CSS property to change the border of an element to Hex 00FFC7 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
#00FFC7 }
```

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

```
.border{ border-color:#00FFC7 }
```

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

Here you see how a box with a 4 pixel #00FFC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FFC7; -webkit-box-shadow:4px 4px  
4px 4px #00FFC7; box-shadow:4px 4px 4px  
4px #00FFC7 }
```

# Background

The CSS property to change the background color of an element to Hex 00FFC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FFC7 }
```

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

```
.background{ background-color:#00FFC7 }
```

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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