

Converting Colors

Hex(00FCD0)

Have a look what the booklet for
Hex(00FCD0) contains.

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Color

Hex(00FCD0)

Conversions

Conversions Part 1

Format	Color
Hex	00FCDD
RGB	0, 252, 208
RGB Percent	0%, 99%, 82%
CMY	1.0000, 0.0118, 0.1843
CMYK	1.00, 0.00, 0.17, 0.01
HSL	170°, 100%, 49%
HSV	170°, 100%, 99%
XYZ	46.1956, 74.1749, 71.5569
YIQ	171.6360, -136.0680, -67.1080

Conversions

Conversions Part 2

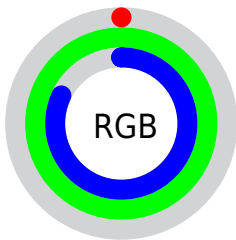
Format	Color
RYB	0, 138, 252
Decimal	64720
CIELab	89.01, -59.49, 7.16
CIELCh	89, 59.918, 173.138
Yxy	74.1749, 0.2407, 0.3865
Android (android.graphics.Color)	4278254800 (0xFF00FCD0)
YUV	171.6360, 17.9275, -150.5248
Hunter-Lab	86.1248, -54.9748, 11.0262

Details

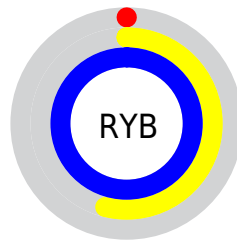
The Hex color **00FCD0** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FC002C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **74FFFF**, and **00C29A** is the 20% darker color. If you saturate the color by 10%, you get **00FCD0**, and if you desaturate by 10%, it is **19FCD4**.

Distribution



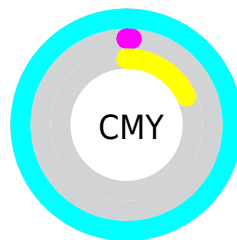
- Red (0%)
- Green (99%)
- Blue (82%)



- Red (0%)
- Yellow (54%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FCD0 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 00FCD0 by changing the saturation by 10% instead.

 00FCD0

 00FCD0

FFFFFF

 00DFB4

 74FFFF

 00C29A

 97FFFF

 00A680

 B9FFFF

 008B67

 D9FFFF

 00704F

 F9FFFF

 005638

 003D22

 00260D

 000000

 00FCD0

 19FCD4

 32FCD9

 4CFCDD

 65FCE2

 7EFCE6

 97FCEA

 B0FCEF

 CAFCF3

 E3FCF8

Harmonies

Analogous

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



92F698



00FC00



00FCFF

Triad

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



00FCD0



CFD6FF



FFC386

Complementary

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



00FCD0



FC002C

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.



FFB3B6



00FCD0



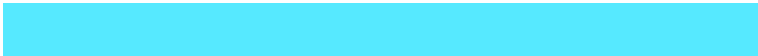
FFC0FF

Square

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



00FCD0



56E9FF



FFB1EF



FFD86B

Rectangle

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



00FC00



0000FF



FFFF00



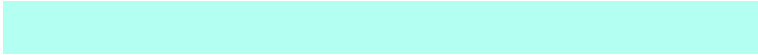
0000FF

Sweetspot

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



00FCD0



B3FFF2



2EFC00



528077



000000



808080

Same Dimension

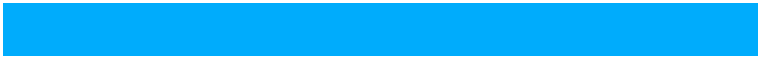
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00FCD0



00FFD2



00ACFC



707D7B



00BD9C



003D33

Inverse Universe

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



FC002C



FF002D



FC5000



7D7073



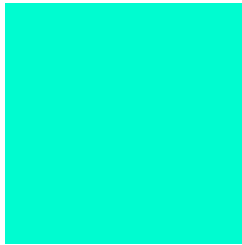
BD0021



3D000B

Previews

White Background



This preview shows how the Hex color 00FCD0 looks on a white background.

Color Contrast Check

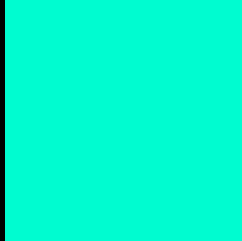
Large Text (above 18pt) WCAG AA × Fail

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 00FCD0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

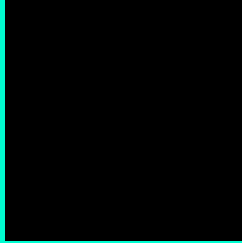
Any Text WCAG AA ✓ Pass

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 00FCD0 Background



This preview shows how black text looks on a background with the Hex color 00FCD0.



This preview shows how white text looks on a background with the Hex color 00FCD0.

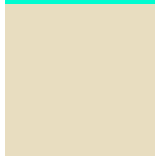
Color Blindness Simulation

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](#).

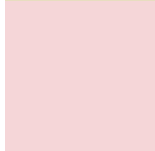
Dichromacy



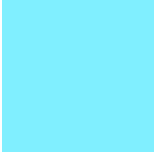
Original Color
00FCD0



Protanopia
E8DDC0



Deuteranopia
F5D6D8

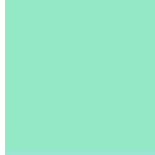


Tritanopia
80EFFF

Trichromacy



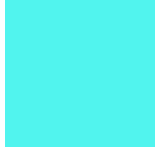
Original Color
00FCD0



Protanomaly
94E8C6



Deuteranomaly
9CE4D5

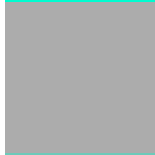


Tritanomaly
51F4EE

Monochromacy



Original Color
00FCD0



Achromatopsia
ACACAC



Achromatomaly
6DC9B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FCD0 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 #00FCD0 looks like.

```
.text, #text, p{  
    color:#00FCD0  
}
```

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 #00FCDD colored shadow looks like.

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

Border

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

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

```
.border{ border-color:#00FCD0 }
```

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

Here you see how a box with a 4 pixel #00FCD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FCD0; -webkit-box-shadow:4px 4px  
4px 4px #00FCD0; box-shadow:4px 4px 4px  
4px #00FCD0 }
```

Background

The CSS property to change the background color of an element to Hex 00FCD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FCD0 }
```

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

```
.background{ background-color:#00FCD0 }
```

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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