

# Converting Colors

Hex(03FDC2)

Have a look what the booklet for  
Hex(03FDC2) contains.

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# Color

Hex(03FDC2)

# Conversions

## Conversions Part 1

Format	Color
Hex	03FDC2
RGB	3, 253, 194
RGB Percent	1%, 99%, 76%
CMY	0.9882, 0.0078, 0.2392
CMYK	0.99, 0.00, 0.23, 0.01
HSL	166°, 98%, 50%
HSV	166°, 99%, 99%
XYZ	44.9004, 74.1650, 62.9877
YIQ	171.5240, -130.0610, -71.3490

# Conversions

## Conversions Part 2

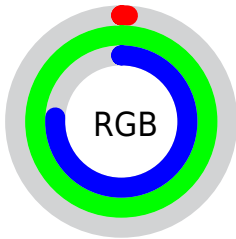
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 145, 253
Decimal	261570
CIELab	89.00, -63.18, 14.39
CIELCh	89, 64.795, 167.169
Yxy	74.1650, 0.2466, 0.4074
Android (android.graphics.Color)	4278451650 (0xFF03FDC2)
YUV	171.5240, 11.0807, -147.7955
Hunter-Lab	86.1191, -57.6427, 16.9185

# Details

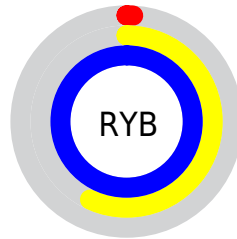
The Hex color **03FDC2** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **FD033E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **74FFFB**, and **00C38C** is the 20% darker color. If you saturate the color by 10%, you get **00FDC1**, and if you desaturate by 10%, it is **1CFDC8**.

# Distribution



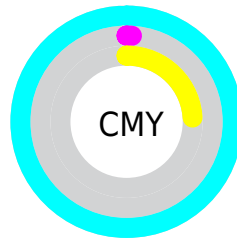
- Red (1%)
- Green (99%)
- Blue (76%)



- Red (1%)
- Yellow (57%)
- Blue (99%)



- Cyan (99%)
- Magenta (0%)
- Yellow (23%)
- Black (1%)



- Cyan (99%)
- Magenta (1%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03FDC2 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 03FDC2 by changing the saturation by 10% instead.



 03FDC2

 03FDC2

FFFFFF

 00E0A7

 74FFFB

 00C38C

 97FFFF

 00A773

 B8FFFF

 008B5A

 D8FFFF

 007143

 F9FFFF

 00572C

 003E17

 002500

 000000

 03FDC2

 03FDC2

 00FDC1

 1CFDC8

 36FDCE

 4FFDD4

 68FDDA

 82FDE0

 9BFDE6

 B4FDEC

 CDFDF2

 E7FDF8

# Harmonies

## Analogous

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



9AF588



03FDC2



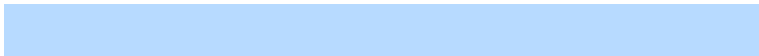
00FFFF

# Triad

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



03FDC2



B7DAFF



FFBC87

# Complementary

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



03FDC2



FD033E

# 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.



FFACBE



03FDC2



FFC1FF

# Square

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



03FDC2



00EEFF



FFAEFD



FFD364

# Rectangle

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



03FDC2



00FCFF



FFAEFD



FFB598

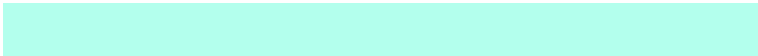


# Sweetspot

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



03FDC2



B3FFED



42FD03



528075



000000



808080



# Same Dimension

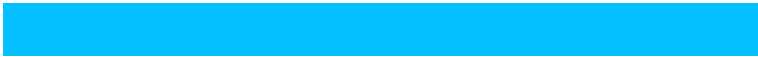
The Same Dimension uses a secret algorithm to generate beautiful new colors.



03FDC2



00FFC3



03BFFD



73807C



00BF92



004031



# Inverse Universe

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



FD033E



FF003C



FD4203



807376



BF002D

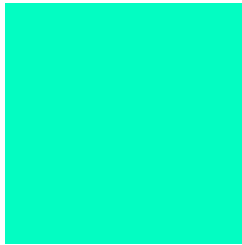


40000F



# Previews

## White Background



This preview shows how the Hex color 03FDC2 looks on a white background.

## Color Contrast Check

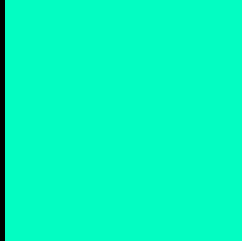
Large Text (above 18pt) WCAG AA × Fail

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 03FDC2 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 03FDC2 Background



This preview shows how black text looks on a background with the Hex color 03FDC2.

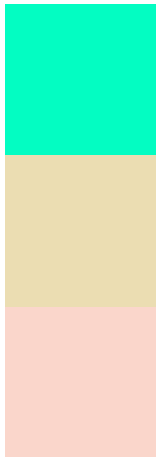


This preview shows how white text looks on a background with the Hex color 03FDC2.

# 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](#).

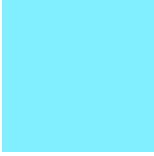
## Dichromacy



**Original Color**  
03FDC2

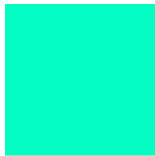
**Protanopia**  
EBDDB2

**Deuteranopia**  
FAD6CB

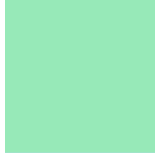


**Tritanopia**  
81EFFF

# Trichromacy



**Original Color**  
03FDC2



**Protanomaly**  
97E9B8



**Deuteranomaly**  
A0E4C8

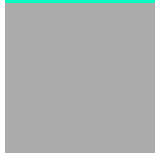


**Tritanomaly**  
53F4E9

# Monochromacy



**Original Color**  
03FDC2



**Achromatopsia**  
ACACAC



**Achromatomaly**  
6FC9B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03FDC2 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 #03FDC2 looks like.

```
.text, #text, p{  
    color:#03FDC2  
}
```

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 #03FDC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03FDC2
}
```

## Border

The CSS property to change the border of an element to Hex 03FDC2 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
#03FDC2 }
```

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

```
.border{ border-color:#03FDC2 }
```

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

Here you see how a box with a 4 pixel #03FDC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03FDC2; -webkit-box-shadow:4px 4px  
4px 4px #03FDC2; box-shadow:4px 4px 4px  
4px #03FDC2 }
```

# Background

The CSS property to change the background color of an element to Hex 03FDC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03FDC2 }
```

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

```
.background{ background-color:#03FDC2 }
```

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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