

Converting Colors

Hex(06F9C6)

Have a look what the booklet for
Hex(06F9C6) contains.

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Color

Hex(06F9C6)

Conversions

Conversions Part 1

Format	Color
Hex	06F9C6
RGB	6, 249, 198
RGB Percent	2%, 98%, 78%
CMY	0.9765, 0.0235, 0.2235
CMYK	0.98, 0.00, 0.20, 0.02
HSL	167°, 95%, 50%
HSV	167°, 98%, 98%
XYZ	44.1438, 71.8673, 64.9712
YIQ	170.5290, -128.4570, -67.3770

Conversions

Conversions Part 2

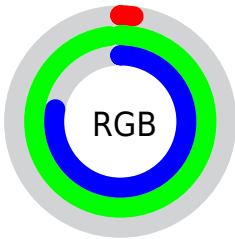
Format	Color
RYB	6, 142, 249
Decimal	457158
CIELab	87.90, -60.65, 10.77
CIELCh	88, 61.603, 169.933
Yxy	71.8673, 0.2439, 0.3971
Android (android.graphics.Color)	4278647238 (0xFF06F9C6)
YUV	170.5290, 13.5432, -144.2919
Hunter-Lab	84.7746, -55.4070, 13.9024

Details

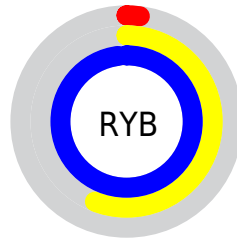
The Hex color **06F9C6** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **F90639**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **74FFFF**, and **00BF90** is the 20% darker color. If you saturate the color by 10%, you get **00F9C5**, and if you desaturate by 10%, it is **1FF9CB**.

Distribution



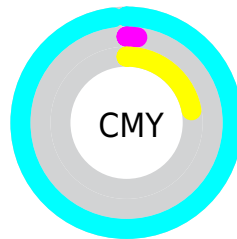
- Red (2%)
- Green (98%)
- Blue (78%)



- Red (2%)
- Yellow (56%)
- Blue (98%)



- Cyan (98%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)



- Cyan (98%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06F9C6 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 06F9C6 by changing the saturation by 10% instead.

 06F9C6

 06F9C6

FFFFFF

 00DCAB

 74FFFF

 00BF90

 97FFFF

 00A377

 B8FFFF

 00885E

 D8FFFF

 006D46

 F8FFFF

 005430

 003B1B

 002301

 000000

06F9C6

06F9C6

00F9C5

1FF9CB

38F9D0

51F9D6

6AF9DB

83F9E0

9BF9E5

B4F9EB

CDF9F0

E6F9F5

Harmonies

Analogous

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



94F28E



06F9C6



00FAFF

Triad

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



06F9C6



C1D5FF



FFBD85

Complementary

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



06F9C6



F90639

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.



FFADB8



06F9C6



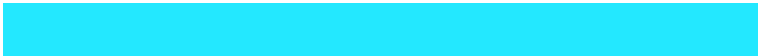
FFBEFF

Square

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



06F9C6



23E8FF



FFADF3



FFD266

Rectangle

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



06F9C6



00F7FF



FFADF3



FFB694

Sweetspot

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



06F9C6



B5FFEF



3BF906



538076



000000



808080

Same Dimension

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



06F9C6



00FFC9



06B4F9



707D7A



00BD95



003D30

Inverse Universe

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



F90639



FF0036



F94B06



7D7073



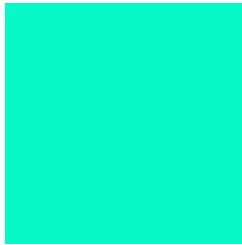
BD0028



3D000D

Previews

White Background



This preview shows how the Hex color 06F9C6 looks on a white background.

Color Contrast Check

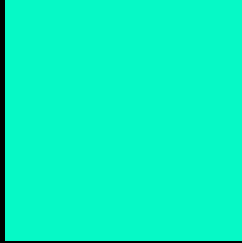
Large Text (above 18pt) WCAG AA × Fail

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 06F9C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

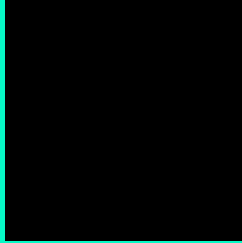
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

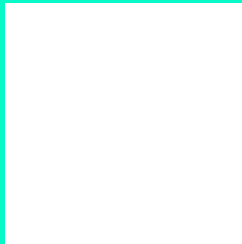
Any Text WCAG AAA ✓ Pass

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

Hex 06F9C6 Background



This preview shows how black text looks on a background with the Hex color 06F9C6.

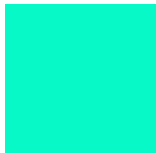


This preview shows how white text looks on a background with the Hex color 06F9C6.

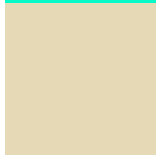
Color Blindness Simulation

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](#).

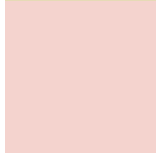
Dichromacy



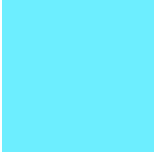
Original Color
06F9C6



Protanopia
E6DAB6

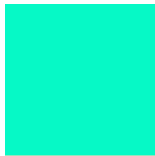


Deuteranopia
F4D3CE

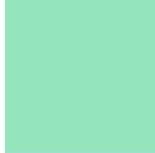


Tritanopia
6DEEFF

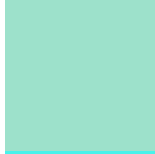
Trichromacy



Original Color
06F9C6



Protanomaly
95E5BC



Deuteranomaly
9DE1CB

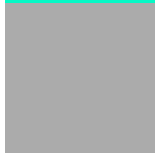


Tritanomaly
48F2EA

Monochromacy



Original Color
06F9C6



Achromatopsia
ABABAB



Achromatomaly
6FC7B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 06F9C6 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 #06F9C6 looks like.

```
.text, #text, p{  
    color:#06F9C6  
}
```

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 #06F9C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06F9C6
}
```

Border

The CSS property to change the border of an element to Hex 06F9C6 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
#06F9C6 }
```

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

```
.border{ border-color:#06F9C6 }
```

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

Here you see how a box with a 4 pixel #06F9C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06F9C6; -webkit-box-shadow:4px 4px  
4px 4px #06F9C6; box-shadow:4px 4px 4px  
4px #06F9C6 }
```

Background

The CSS property to change the background color of an element to Hex 06F9C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06F9C6 }
```

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

```
.background{ background-color:#06F9C6 }
```

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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