

Converting Colors

Hex(06F9AF)

Have a look what the booklet for
Hex(06F9AF) contains.

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Color

Hex(06F9AF)

Conversions

Conversions Part 1

Format	Color
Hex	06F9AF
RGB	6, 249, 175
RGB Percent	2%, 98%, 69%
CMY	0.9765, 0.0235, 0.3137
CMYK	0.98, 0.00, 0.30, 0.02
HSL	162°, 95%, 50%
HSV	162°, 98%, 98%
XYZ	41.6886, 70.8852, 52.0424
YIQ	167.9070, -121.0740, -74.5300

Conversions

Conversions Part 2

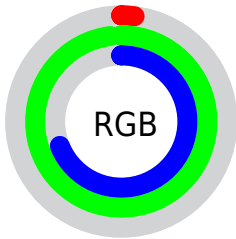
Format	Color
RYB	6, 149, 249
Decimal	457135
CIELab	87.43, -65.92, 21.95
CIELCh	87, 69.480, 161.581
Yxy	70.8852, 0.2532, 0.4306
Android (android.graphics.Color)	4278647215 (0xFF06F9AF)
YUV	167.9070, 3.4968, -141.9924
Hunter-Lab	84.1934, -58.9535, 22.2864

Details

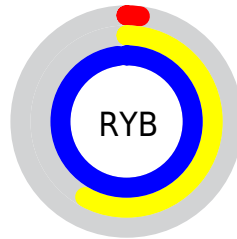
The Hex color **06F9AF** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F90650**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **73FFE7**, and **00BF7A** is the 20% darker color. If you saturate the color by 10%, you get **00F9AD**, and if you desaturate by 10%, it is **1FF9B7**.

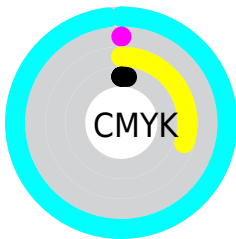
Distribution



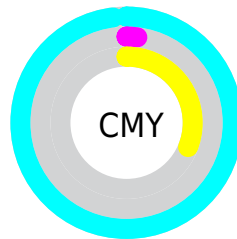
- Red (2%)
- Green (98%)
- Blue (69%)



- Red (2%)
- Yellow (58%)
- Blue (98%)



- Cyan (98%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)



- Cyan (98%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06F9AF 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 06F9AF by changing the saturation by 10% instead.

 06F9AF

FFFFFF

 73FFE7

 95FFFF

 B6FFFF

 D6FFFF

 F6FFFF

 06F9AF

 00DC94

 00BF7A

 00A361

 008849

 006D32

 00531C

 003A04

 002100

 000000

 06F9AF

 06F9AF

 00F9AD

 1FF9B7

 38F9BE

 51F9C6

 6AF9CD

 83F9D5

 9BF9DC

 B4F9E4

 CDF9EC

 E6F9F3

Harmonies

Analogous

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



9FF073



06F9AF



00FCF4

Triad

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



06F9AF



93DAFF



FFB086

Complementary

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



06F9AF



F90650

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.



FFA1C4



06F9AF



FFBFFF

Square

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



06F9AF



00EEFF



FFA7FF



FFC95A

Rectangle

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



06F9AF



00FAFF



FFA7FF



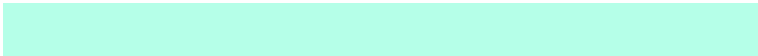
FFA99A

Sweetspot

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



06F9AF



B5FFE8



53F906



538072



000000



808080

Same Dimension

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



06F9AF



00FFB1



06CCF9



707D79



00BD83



003D2B

Inverse Universe

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



F90650



FF004E



F93306



7D7074



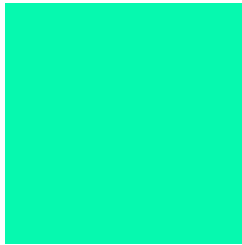
BD0039



3D0013

Previews

White Background



This preview shows how the Hex color 06F9AF 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 06F9AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

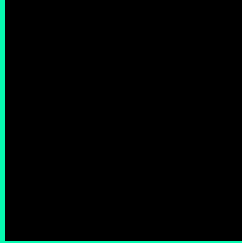
Any Text WCAG AA ✓ Pass

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 06F9AF Background



This preview shows how black text looks on a background with the Hex color 06F9AF.

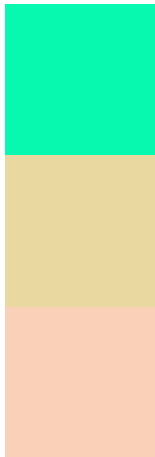


This preview shows how white text looks on a background with the Hex color 06F9AF.

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](#).

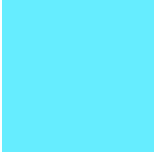
Dichromacy



Original Color
06F9AF

Protanopia
E9D9A0

Deuteranopia
FAD1B8



Tritanopia
66EDFF

Trichromacy



Original Color
06F9AF



Protanomaly
96E5A5



Deuteranomaly
A1E0B5

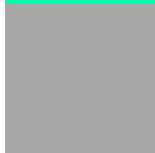


Tritanomaly
43F1E2

Monochromacy



Original Color
06F9AF



Achromatopsia
A8A8A8



Achromatomaly
6DC5AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 06F9AF 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 #06F9AF looks like.

```
.text, #text, p{  
    color:#06F9AF  
}
```

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 #06F9AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06F9AF
}
```

Border

The CSS property to change the border of an element to Hex 06F9AF 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
#06F9AF }
```

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

```
.border{ border-color:#06F9AF }
```

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

Here you see how a box with a 4 pixel #06F9AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06F9AF; -webkit-box-shadow:4px 4px  
4px 4px #06F9AF; box-shadow:4px 4px 4px  
4px #06F9AF }
```

Background

The CSS property to change the background color of an element to Hex 06F9AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06F9AF }
```

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

```
.background{ background-color:#06F9AF }
```

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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