

Converting Colors

Hex(09F6AF)

Have a look what the booklet for
Hex(09F6AF) contains.

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Color

Hex(09F6AF)

Conversions

Conversions Part 1

Format	Color
Hex	09F6AF
RGB	9, 246, 175
RGB Percent	4%, 96%, 69%
CMY	0.9647, 0.0353, 0.3137
CMYK	0.96, 0.00, 0.29, 0.04
HSL	162°, 93%, 50%
HSV	162°, 96%, 96%
XYZ	40.8063, 69.0648, 51.7376
YIQ	167.0430, -118.4610, -72.3250

Conversions

Conversions Part 2

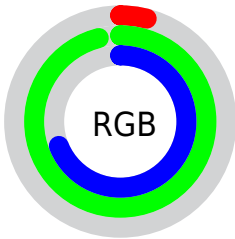
Format	Color
RYB	9, 148, 246
Decimal	652975
CIELab	86.54, -64.77, 20.72
CIELCh	87, 68.004, 162.261
Yxy	69.0648, 0.2525, 0.4274
Android (android.graphics.Color)	4278843055 (0xFF09F6AF)
YUV	167.0430, 3.9228, -138.6037
Hunter-Lab	83.1052, -57.7871, 21.2624

Details

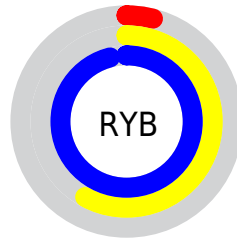
The Hex color **09F6AF** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F60950**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **73FFE7**, and **00BC7A** is the 20% darker color. If you saturate the color by 10%, you get **00F6AC**, and if you desaturate by 10%, it is **22F6B6**.

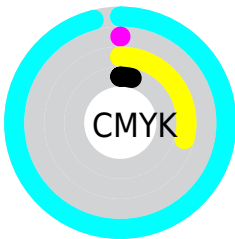
Distribution



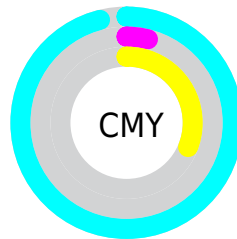
- Red (4%)
- Green (96%)
- Blue (69%)



- Red (4%)
- Yellow (58%)
- Blue (96%)



- Cyan (96%)
- Magenta (0%)
- Yellow (29%)
- Black (4%)




- Cyan (96%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09F6AF 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 09F6AF by changing the saturation by 10% instead.

 09F6AF

FFFFFF

 73FFE7

 95FFFF

 B6FFFF

 D6FFFF

 F6FFFF

 09F6AF

 00D994

 00BC7A

 00A061

 008549

 006A32

 00501C

 003804

 001F00

 000000

 09F6AF

 09F6AF

 00F6AC

 22F6B6

 3AF6BE

 53F6C5

 6BF6CC

 84F6D4

 9DF6DB

 B5F6E3

 CEF6EA

 E6F6F1

Harmonies

Analogous

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



9CED75



09F6AF



00F9F2

Triad

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



09F6AF



96D7FF



FFAF85

Complementary

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



09F6AF



F60950

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.



FFA0C1



09F6AF



FFBDFD

Square

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



09F6AF



00EAFF



FFA6FF



FFC75A

Rectangle

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



09F6AF



00F7FF



FFA6FF



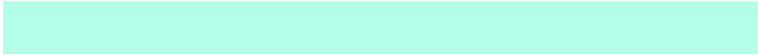
FFA897

Sweetspot

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



09F6AF



B5FFE9



50F609



538072



000000



808080

Same Dimension

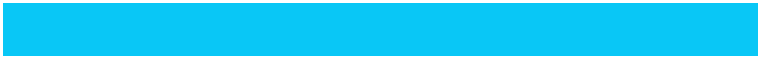
The Same Dimension uses a secret algorithm to generate beautiful new colors.



09F6AF



00FFB3



09C7F6



6E7A77



00BA82



003B29

Inverse Universe

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



F60950



FF004C



F63809



7A6E72



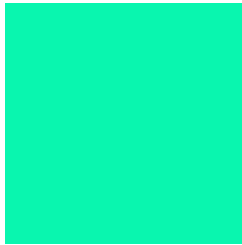
BA0038



3B0012

Previews

White Background



This preview shows how the Hex color 09F6AF 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 09F6AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

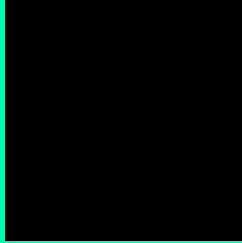
Any Text WCAG AA ✓ Pass

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 09F6AF Background



This preview shows how black text looks on a background with the Hex color 09F6AF.

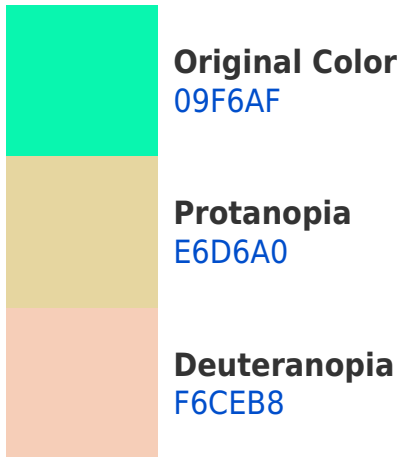


This preview shows how white text looks on a background with the Hex color 09F6AF.

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





Tritanopia
52ECFF

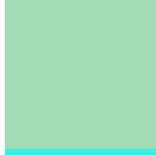
Trichromacy



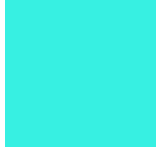
Original Color
09F6AF



Protanomaly
96E2A5



Deuteranomaly
A0DDB5



Tritanomaly
37F0E2

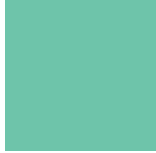
Monochromacy



Original Color
09F6AF



Achromatopsia
A7A7A7



Achromatomaly
6EC4AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 09F6AF 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 #09F6AF looks like.

```
.text, #text, p{  
    color:#09F6AF  
}
```

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 #09F6AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09F6AF
}
```

Border

The CSS property to change the border of an element to Hex 09F6AF 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
#09F6AF }
```

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

```
.border{ border-color:#09F6AF }
```

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

Here you see how a box with a 4 pixel #09F6AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09F6AF; -webkit-box-shadow:4px 4px  
4px 4px #09F6AF; box-shadow:4px 4px 4px  
4px #09F6AF }
```

Background

The CSS property to change the background color of an element to Hex 09F6AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09F6AF }
```

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

```
.background{ background-color:#09F6AF }
```

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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