

Converting Colors

Hex(09F6A2)

Have a look what the booklet for
Hex(09F6A2) contains.

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Color

Hex(09F6A2)

Conversions

Conversions Part 1

Format	Color
Hex	09F6A2
RGB	9, 246, 162
RGB Percent	4%, 96%, 64%
CMY	0.9647, 0.0353, 0.3647
CMYK	0.96, 0.00, 0.34, 0.04
HSL	159°, 93%, 50%
HSV	159°, 96%, 96%
XYZ	39.5900, 68.5782, 45.3327
YIQ	165.5610, -114.2880, -76.3680

Conversions

Conversions Part 2

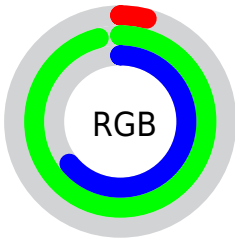
Format	Color
RYB	9, 153, 246
Decimal	652962
CIELab	86.29, -67.52, 27.03
CIELCh	86, 72.725, 158.182
Yxy	68.5782, 0.2579, 0.4468
Android (android.graphics.Color)	4278843042 (0xFF09F6A2)
YUV	165.5610, -1.7556, -137.3040
Hunter-Lab	82.8120, -59.5853, 25.5120

Details

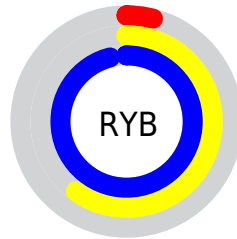
The Hex color **09F6A2** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **F6095D**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **72FFD9**, and **00BC6E** is the 20% darker color. If you saturate the color by 10%, you get **00F69F**, and if you desaturate by 10%, it is **22F6AB**.

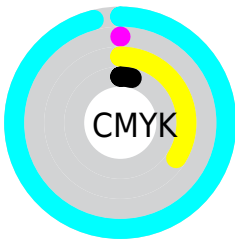
Distribution



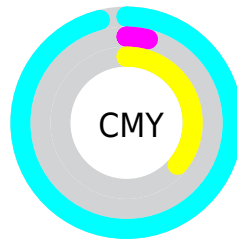
- Red (4%)
- Green (96%)
- Blue (64%)



- Red (4%)
- Yellow (60%)
- Blue (96%)



- Cyan (96%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (96%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09F6A2 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 09F6A2 by changing the saturation by 10% instead.

 09F6A2

 09F6A2

FFFFFF

 00D987

 72FFD9

 00BC6E

 95FFF6

 00A055

 B5FFFF

 00853D

 D5FFFF

 006A26

 F5FFFF


 00500F

 003800

 001E00

 000000

 09F6A2

 09F6A2

 00F69F

 22F6AB

 3AF6B3

 53F6BC

 6BF6C5

 84F6CE

 9DF6D6

 B5F6DF

 CEF6E8

 E6F6F0

Harmonies

Analogous

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



A2EC65



09F6A2



00FAE9

Triad

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



09F6A2



73D9FF



FFA786

Complementary

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



09F6A2



F6095D

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.



FF99C8



09F6A2



F4BEFF

Square

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



09F6A2



00EDFF



FFA3FF



FFC254

Rectangle

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



09F6A2



00F9FF



FFA3FF



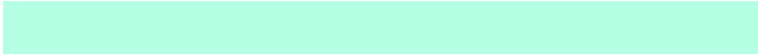
FFA09B

Sweetspot

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



09F6A2



B5FFE5



60F609



538070



000000



808080

Same Dimension

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



09F6A2



00FFA5



09D6F6



6E7A76



00BA78



003B26

Inverse Universe

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



F6095D



FF005A



F62909



7A6E72



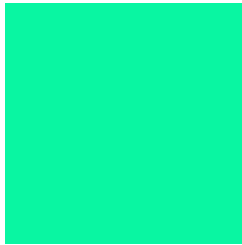
BA0042



3B0015

Previews

White Background



This preview shows how the Hex color 09F6A2 looks on a white background.

Color Contrast Check

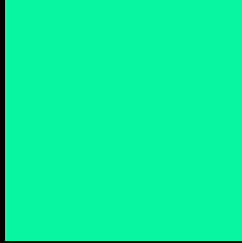
Large Text (above 18pt) WCAG AA × Fail

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 09F6A2 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 09F6A2 Background



This preview shows how black text looks on a background with the Hex color 09F6A2.

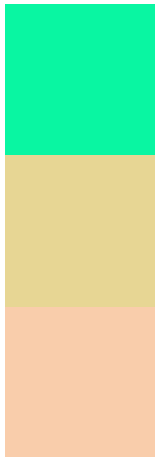


This preview shows how white text looks on a background with the Hex color 09F6A2.

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
09F6A2

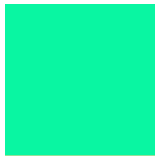
Protanopia
E7D694

Deuteranopia
F9CDAB



Tritanopia
56EBFE

Trichromacy



Original Color
09F6A2



Protanomaly
96E299



Deuteranomaly
A2DCA8

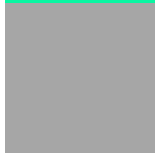


Tritanomaly
3AEFDD

Monochromacy



Original Color
09F6A2



Achromatopsia
A6A6A6



Achromatomaly
6DC3A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 09F6A2 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 #09F6A2 looks like.

```
.text, #text, p{  
    color:#09F6A2  
}
```

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 #09F6A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09F6A2
}
```

Border

The CSS property to change the border of an element to Hex 09F6A2 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
#09F6A2 }
```

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

```
.border{ border-color:#09F6A2 }
```

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

Here you see how a box with a 4 pixel #09F6A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09F6A2; -webkit-box-shadow:4px 4px  
4px 4px #09F6A2; box-shadow:4px 4px 4px  
4px #09F6A2 }
```

Background

The CSS property to change the background color of an element to Hex 09F6A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09F6A2 }
```

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

```
.background{ background-color:#09F6A2 }
```

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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