

Converting Colors

Hex(00F69A)

Have a look what the booklet for
Hex(00F69A) contains.

| | |
|--|----|
| Hex(00F69A) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(00F69A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00F69A |
| RGB | 0, 246, 154 |
| RGB Percent | 0%, 96%, 60% |
| CMY | 1.0000, 0.0353, 0.3961 |
| CMYK | 1.00, 0.00, 0.37, 0.04 |
| HSL | 158°, 100%, 48% |
| HSV | 158°, 100%, 96% |
| XYZ | 38.7885, 68.2446, 41.7000 |
| YIQ | 161.9580, -117.0840, -80.7640 |

Conversions

Conversions Part 2

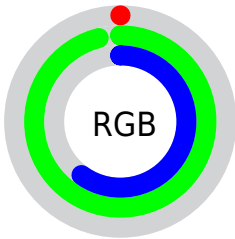
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 151, 246 |
| Decimal | 63130 |
| CIELab | 86.13, -69.34, 30.84 |
| CIELCh | 86, 75.887, 156.019 |
| Yxy | 68.2446, 0.2608, 0.4588 |
| Android (android.graphics.Color) | 4278253210 (0xFF00F69A) |
| YUV | 161.9580, -3.9233, -142.0372 |
| Hunter-Lab | 82.6103, -60.7559, 27.8988 |

Details

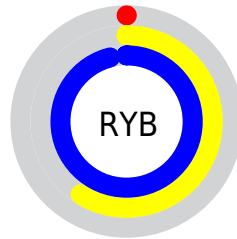
The Hex color **00F69A** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **F6005C**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **71FFD1**, and **00BC66** is the 20% darker color. If you saturate the color by 10%, you get **00F69A**, and if you desaturate by 10%, it is **19F6A3**.

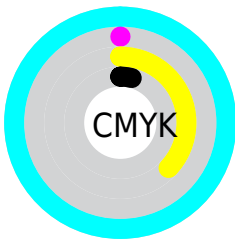
Distribution



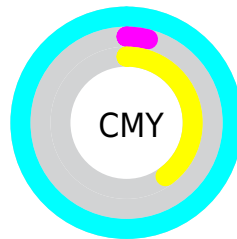
- Red (0%)
- Green (96%)
- Blue (60%)



- Red (0%)
- Yellow (59%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F69A 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 00F69A by changing the saturation by 10% instead.

 00F69A

 00F69A

FFFFFF

 00D980

 71FFD1

 00BC66

 93FFED

 00A04D

 B4FFFF

 008535

 D4FFFF

 006A1E

 F4FFFF

 005004

 003800

 001E00

 000000

 00F69A

 19F6A3

 31F6AC

 4AF6B6

 62F6BF

 7BF6C8

 94F6D1

 ACF6DA

 C5F6E4

 DDF6ED

Harmonies

Analogous

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



A5EB5B



00F69A



00FAE4

Triad

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



00F69A



54DBFF



FFA287

Complementary

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



00F69A



F6005C

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.



FF94CC



00F69A



EDBEFF

Square

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



00F69A



00EEFF



FFA1FF



FFBE50

Rectangle

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



00F69A



00FAFF



FFA1FF



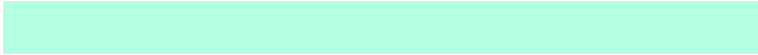
FF9B9D

Sweetspot

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



00F69A



B3FFE2



5EF600



52806E



000000



808080

Same Dimension

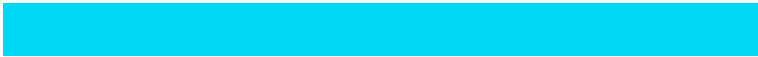
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00F69A



00FFA0



00D9F6



6E7A76



00BA75



003B25

Inverse Universe

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



F6005C



FF005F



F61D00



7A6E73



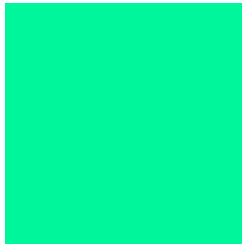
BA0046



3B0016

Previews

White Background



This preview shows how the Hex color 00F69A looks on a white background.

Color Contrast Check

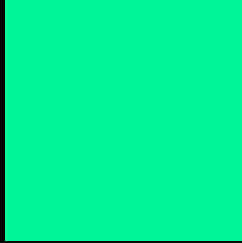
Large Text (above 18pt) WCAG AA × Fail

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 00F69A 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 00F69A Background



This preview shows how black text looks on a background with the Hex color 00F69A.

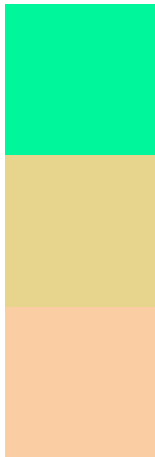


This preview shows how white text looks on a background with the Hex color 00F69A.

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](#).

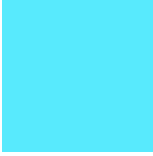
Dichromacy



Original Color
00F69A

Protanopia
E8D58D

Deuteranopia
FBCDA3



Tritanopia
58EAFD

Trichromacy



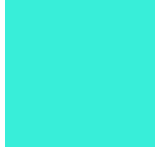
Original Color
00F69A



Protanomaly
94E192



Deuteranomaly
A0DCA0



Tritanomaly
38EED9

Monochromacy



Original Color
00F69A



Achromatopsia
A2A2A2



Achromatomaly
67C19F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F69A 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 #00F69A looks like.

```
.text, #text, p{  
    color:#00F69A  
}
```

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 #00F69A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F69A
}
```

Border

The CSS property to change the border of an element to Hex 00F69A 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
#00F69A }
```

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

```
.border{ border-color:#00F69A }
```

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

Here you see how a box with a 4 pixel #00F69A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F69A; -webkit-box-shadow:4px 4px  
4px 4px #00F69A; box-shadow:4px 4px 4px  
4px #00F69A }
```

Background

The CSS property to change the background color of an element to Hex 00F69A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F69A }
```

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

```
.background{ background-color:#00F69A }
```

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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