

Converting Colors

Hex(00F09B)

Have a look what the booklet for
Hex(00F09B) contains.

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Color

Hex(00F09B)

Conversions

Conversions Part 1

Format	Color
Hex	00F09B
RGB	0, 240, 155
RGB Percent	0%, 94%, 61%
CMY	1.0000, 0.0588, 0.3922
CMYK	1.00, 0.00, 0.35, 0.06
HSL	159°, 100%, 47%
HSV	159°, 100%, 94%
XYZ	37.0765, 64.6867, 41.5420
YIQ	158.5500, -115.7550, -77.3150

Conversions

Conversions Part 2

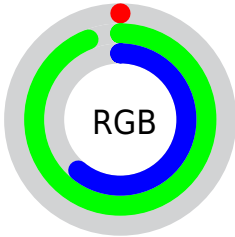
Format	Color
RYB	0, 146, 240
Decimal	61595
CIELab	84.32, -67.09, 27.91
CIELCh	84, 72.663, 157.410
Yxy	64.6867, 0.2587, 0.4514
Android (android.graphics.Color)	4278251675 (0xFF00F09B)
YUV	158.5500, -1.7502, -139.0483
Hunter-Lab	80.4281, -58.4625, 25.6757

Details

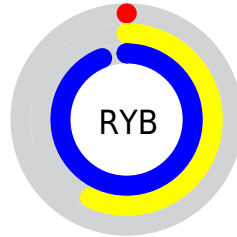
The Hex color **00F09B** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **F00055**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **6FFFD2**, and **00B667** is the 20% darker color. If you saturate the color by 10%, you get **00F09B**, and if you desaturate by 10%, it is **18F0A3**.

Distribution



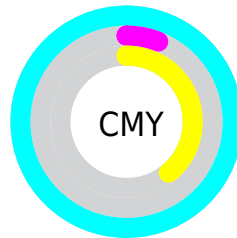
- Red (0%)
- Green (94%)
- Blue (61%)



- Red (0%)
- Yellow (57%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F09B 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 00F09B by changing the saturation by 10% instead.

 00F09B

 00F09B


FFFFFF

 00D381

 6FFFD2

 00B667

 92FFEE

 009B4E

 B2FFFF

 007F37

 D2FFFF

 006520

 F2FFFF

 004B08

 003300

 001800

 000000

 00F09B

 18F0A3

 30F0AC

 48F0B4

 60F0BD

 78F0C5

 90F0CE

 A8F0D6

 C0F0DF

 D8F0E7

Harmonies

Analogous

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



9EE65E



00F09B



00F4E2

Triad

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



00F09B



66D4FF



FFA183

Complementary

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



00F09B



F0055

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.



FF93C4



00F09B



ECB9FF

Square

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



00F09B



00E8FF



FF9EFF



FFBC50

Rectangle

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



00F09B



00F3FF



FF9EFF



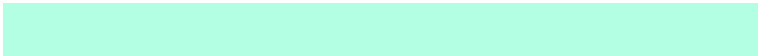
FF9A97

Sweetspot

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



00F09B



B3FFE4



58F000



52806F



000000



808080

Same Dimension

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



00F09B



00FFA5



00D0F0



6C7874



00B877



003824

Inverse Universe

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



F00055



FF005A



F02000



786C70



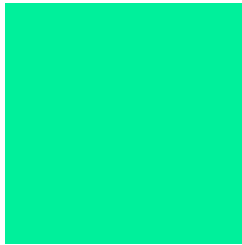
B80041



380014

Previews

White Background



This preview shows how the Hex color 00F09B 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 00F09B 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 00F09B Background



This preview shows how black text looks on a background with the Hex color 00F09B.

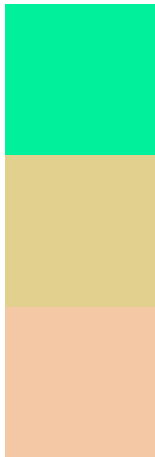


This preview shows how white text looks on a background with the Hex color 00F09B.

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](#).

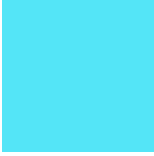
Dichromacy



Original Color
00F09B

Protanopia
E2D08E

Deuteranopia
F4C8A4



Tritanopia
54E5F7

Trichromacy



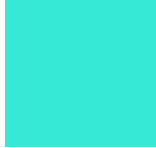
Original Color
00F09B



Protanomaly
90DC93



Deuteranomaly
9BD7A1



Tritanomaly
35E9D6

Monochromacy



Original Color
00F09B



Achromatopsia
9F9F9F



Achromatomaly
65BC9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F09B 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 #00F09B looks like.

```
.text, #text, p{  
    color:#00F09B  
}
```

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 #00F09B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F09B
}
```

Border

The CSS property to change the border of an element to Hex 00F09B 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
#00F09B }
```

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

```
.border{ border-color:#00F09B }
```

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

Here you see how a box with a 4 pixel #00F09B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F09B; -webkit-box-shadow:4px 4px  
4px 4px #00F09B; box-shadow:4px 4px 4px  
4px #00F09B }
```

Background

The CSS property to change the background color of an element to Hex 00F09B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F09B }
```

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

```
.background{ background-color:#00F09B }
```

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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