

Converting Colors

Hex(00F309)

Have a look what the booklet for
Hex(00F309) contains.

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Color

Hex(00F309)

Conversions

Conversions Part 1

Format	Color
Hex	00F309
RGB	0, 243, 9
RGB Percent	0%, 95%, 4%
CMY	1.0000, 0.0471, 0.9647
CMYK	1.00, 0.00, 0.96, 0.05
HSL	122°, 100%, 48%
HSV	122°, 100%, 95%
XYZ	32.0999, 64.1209, 10.9432
YIQ	143.6670, -69.7140, -124.2900

Conversions

Conversions Part 2

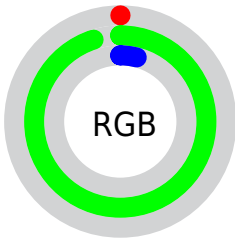
Format	Color
RYB	0, 234, 243
Decimal	62217
CIELab	84.03, -82.96, 79.48
CIELCh	84, 114.887, 136.229
Yxy	64.1209, 0.2995, 0.5983
Android (android.graphics.Color)	4278252297 (0xFF00F309)
YUV	143.6670, -66.3908, -125.9960
Hunter-Lab	80.0755, -68.5768, 47.9503

Details

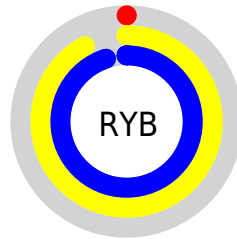
The Hex color **00F309** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F300EA**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **75FF5C**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **00F309**, and if you desaturate by 10%, it is **18F320**.

Distribution



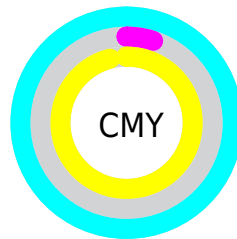
- Red (0%)
- Green (95%)
- Blue (4%)



- Red (0%)
- Yellow (92%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (96%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F309 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 00F309 by changing the saturation by 10% instead.

 00F309

 00F309

FFFFFF

 00D600

 75FF5C

 00B900

 98FF7A

 009D00

 B9FF98

 008100

 DAFFB5

 006600

 FAFFD3

 004C00

 FFFFF1

 003300

 001700

 000000

 00F309

 18F320

 31F338

 49F34F

 61F367

 79F37E

 92F395

 AAF3AD

 C2F3C4

 DBF3DC

Harmonies

Analogous

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



C6DF00



00F309



00FD9A

Triad

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



00F309



00EDFF



FF3E9C

Complementary

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



00F309



F300EA

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.



FF4BFF



00F309



00CBFF

Square

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



00F309



00FCFF



FF93FF



FF832F

Rectangle

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



00F309



00FFE6



FF93FF



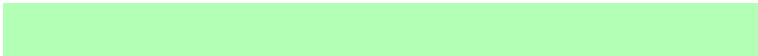
FF31C0

Sweetspot

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



00F309



B3FFB5



EBF300



528053



000000



808080

Same Dimension

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



00F309



00FF09



00F382



6E7A6F



00BA07



003B02

Inverse Universe

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



F300EA



FF00F6



F30071



7A6E7A



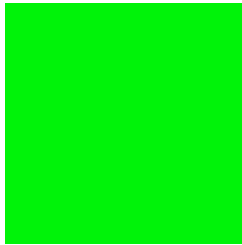
BA00B3



3B0038

Previews

White Background



This preview shows how the Hex color 00F309 looks on a white background.

Color Contrast Check

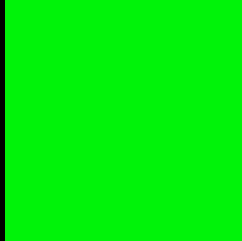
Large Text (above 18pt) WCAG AA × Fail

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 00F309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

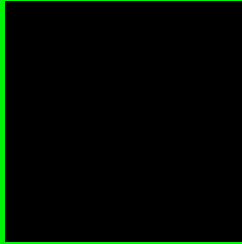
Any Text WCAG AA ✓ Pass

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 00F309 Background



This preview shows how black text looks on a background with the Hex color 00F309.



This preview shows how white text looks on a background with the Hex color 00F309.

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](#).

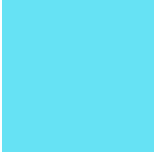
Dichromacy



Original Color
00F309

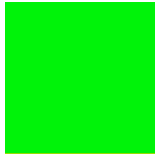
Protanopia
EAD000

Deuteranopia
FFC65C



Tritanopia
66E2F4

Trichromacy



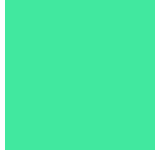
Original Color
00F309



Protanomaly
95DD03

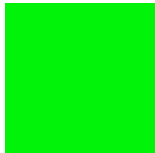


Deuteranomaly
A2D63E



Tritanomaly
41E89F

Monochromacy



Original Color
00F309



Achromatopsia
909090



Achromatomaly
5CB45F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F309 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 #00F309 looks like.

```
.text, #text, p{  
    color:#00F309  
}
```

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 #00F309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F309
}
```

Border

The CSS property to change the border of an element to Hex 00F309 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
#00F309 }
```

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

```
.border{ border-color:#00F309 }
```

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

Here you see how a box with a 4 pixel #00F309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F309; -webkit-box-shadow:4px 4px  
4px 4px #00F309; box-shadow:4px 4px 4px  
4px #00F309 }
```

Background

The CSS property to change the background color of an element to Hex 00F309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F309 }
```

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

```
.background{ background-color:#00F309 }
```

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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