

Converting Colors

Hex(0FEF00)

Have a look what the booklet for
Hex(0FEF00) contains.

Hex(0FEF00)	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(0FEF00)

Conversions

Conversions Part 1

Format	Color
Hex	0FEF00
RGB	15, 239, 0
RGB Percent	6%, 94%, 0%
CMY	0.9412, 0.0627, 1.0000
CMYK	0.94, 0.00, 1.00, 0.06
HSL	116°, 100%, 47%
HSV	116°, 100%, 94%
XYZ	31.0635, 61.8346, 10.2981
YIQ	144.7780, -56.7850, -121.8170

Conversions

Conversions Part 2

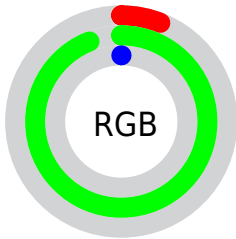
Format	Color
RYB	0, 239, 224
Decimal	1044224
CIELab	82.83, -81.56, 79.27
CIELCh	83, 113.734, 135.818
Yxy	61.8346, 0.3010, 0.5992
Android (android.graphics.Color)	4279234304 (0xFF0FEF00)
YUV	144.7780, -71.3756, -113.8153
Hunter-Lab	78.6350, -67.0976, 47.2798

Details

The Hex color **0FEF00** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E000EF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **76FF59**, and **00B500** is the 20% darker color. If you saturate the color by 10%, you get **0FEF00**, and if you desaturate by 10%, it is **25EF18**.

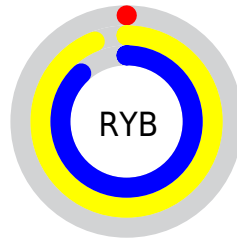
Distribution



Red (6%)

Green (94%)

Blue (0%)



Red (0%)

Yellow (94%)

Blue (88%)

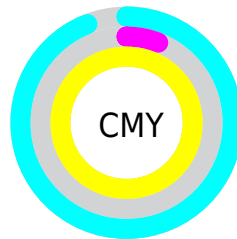


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (94%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FEF00 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 0FEF00 by changing the saturation by 10% instead.

 0FEF00

 0FEF00

FFFFFF

 00D200

 76FF59

 00B500

 98FF77

 009900

 BAFF95

 007E00

 DAFFB2

 006300

 FAFFD0

 004900

 FFFFEE

 002F00

 001200

 000000

 0FEF00

 25EF18

 3CEF30

 52EF48

 69EF60

 7FEF77

 95EF8F

 ACEFA7

 C2EFBF

 D9EFD7

Harmonies

Analogous

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



C4DB00



0FEF00



00F996

Triad

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



0FEF00



00EAFB



FF3C9B

Complementary

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



0FEF00



E000EF

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.



FF4AFF



0FEF00



00C8FF

Square

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



0FEF00



00F9FF



FF91FF



FF7F30

Rectangle

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



0FEF00



00FBE1



FF91FF



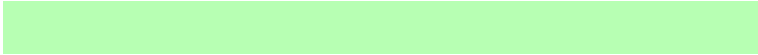
FF2FBE

Sweetspot

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



0FEF00



B7FFB3



EFD000



548052



000000



808080

Same Dimension

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



0FEF00



10FF00



00EF68



6D786C



0CB800



043800

Inverse Universe

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



E000EF



EF00FF



EF0087



776C78



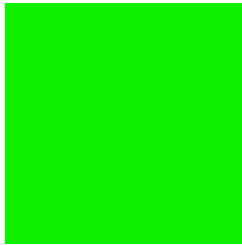
AC00B8



350038

Previews

White Background



This preview shows how the Hex color 0FEF00 looks on a white background.

Color Contrast Check

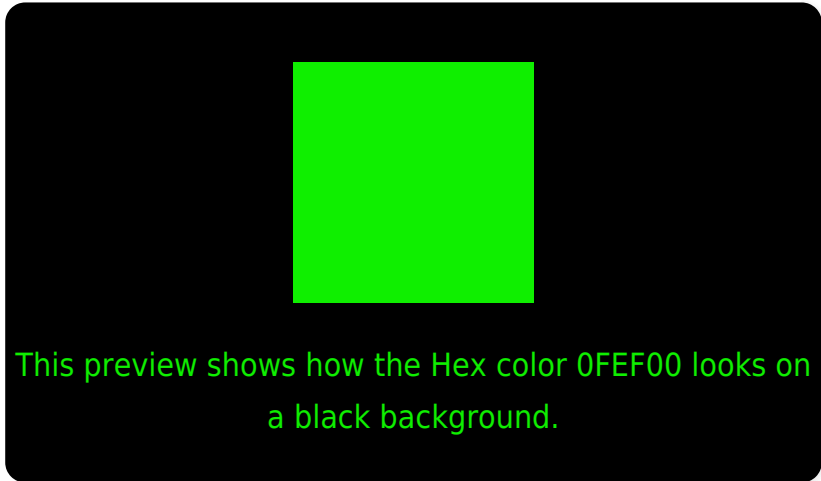
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 0FEF00 Background



This preview shows how black text looks on a background with the Hex color 0FEF00.



This preview shows how white text looks on a background with the Hex color 0FEF00.

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](#).

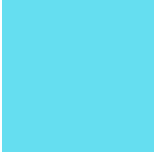
Dichromacy



Original Color
0FEF00

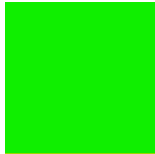
Protanopia
E6CD00

Deuteranopia
FFC242



Tritanopia
65DEF0

Trichromacy



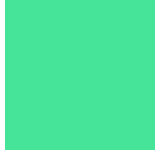
Original Color
0FEF00



Protanomaly
98D900

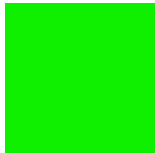


Deuteranomaly
A8D22A



Tritanomaly
46E499

Monochromacy



Original Color
0FEF00



Achromatopsia
919191



Achromatomaly
62B35C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FEF00 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 #0FEF00 looks like.

```
.text, #text, p{  
    color:#0FEF00  
}
```

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 #0FEF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FEF00
}
```

Border

The CSS property to change the border of an element to Hex 0FEF00 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".

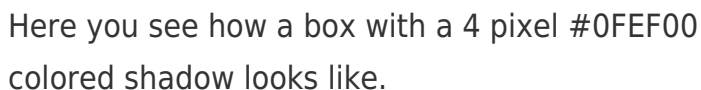
```
.border, #border, table{ border:4px solid
#0FEF00 }
```

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

```
.border{ border-color:#0FEF00 }
```

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

Here you see how a box with a 4 pixel #0FEF00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #0FEF00 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FEF00; -webkit-box-shadow:4px 4px  
4px 4px #0FEF00; box-shadow:4px 4px 4px  
4px #0FEF00 }
```

Background

The CSS property to change the background color of an element to Hex 0FEF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FEF00 }
```

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

```
.background{ background-color:#0FEF00 }
```

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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