

Converting Colors

Hex(0FF01C)

Have a look what the booklet for
Hex(0FF01C) contains.

Hex(0FF01C)	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(0FF01C)

Conversions

Conversions Part 1

Format	Color
Hex	0FF01C
RGB	15, 240, 28
RGB Percent	6%, 94%, 11%
CMY	0.9412, 0.0588, 0.8902
CMYK	0.94, 0.00, 0.88, 0.06
HSL	123°, 88%, 50%
HSV	123°, 94%, 94%
XYZ	31.5667, 62.5056, 11.4997
YIQ	148.5570, -66.0480, -113.6320

Conversions

Conversions Part 2

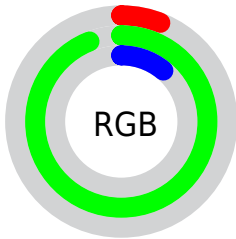
Format	Color
RYB	15, 228, 240
Decimal	1044508
CIELab	83.18, -81.25, 76.46
CIELCh	83, 111.571, 136.737
Yxy	62.5056, 0.2990, 0.5921
Android (android.graphics.Color)	4279234588 (0xFF0FF01C)
YUV	148.5570, -59.4346, -117.1295
Hunter-Lab	79.0605, -67.0856, 46.7184

Details

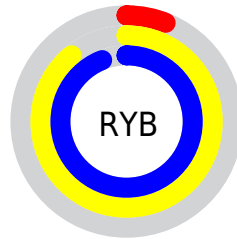
The Hex color **0FF01C** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F00FE3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **76FF62**, and **00B600** is the 20% darker color. If you saturate the color by 10%, you get **00F00E**, and if you desaturate by 10%, it is **27F033**.

Distribution



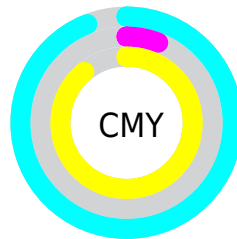
- Red (6%)
- Green (94%)
- Blue (11%)



- Red (6%)
- Yellow (89%)
- Blue (94%)



- Cyan (94%)
- Magenta (0%)
- Yellow (88%)
- Black (6%)



- Cyan (94%)
- Magenta (6%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FF01C 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 0FF01C by changing the saturation by 10% instead.

 0FF01C

 0FF01C

FFFFFF

 00D300

 76FF62

 00B600

 98FF7F

 009A00

 B9FF9D

 007E00

 DAFFBA

 006400

 FAFFD7

 004A00

 FFFFF5

 003000

 001300

 000000

0FF01C

0FF01C

00F00E

27F033

3FF049

57F060

6FF076

87F08D

9FF0A4

B7F0BA

CFF0D1

E7F0E8

Harmonies

Analogous

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



C3DC00



0FF01C



00F99B

Triad

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



0FF01C



00E9FF



FF479A

Complementary

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



00FF00



FF00FF

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.



FF50FF



0FF01C



00C8FF

Square

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



0FF01C



00F9FF



FF92FF



FF8531

Rectangle

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



0FF01C



00FCE5



FF92FF



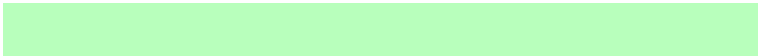
FF3CBC

Sweetspot

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



0FF01C



B8FFBC



E5F00F



548057



000000



808080

Same Dimension

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



0FF01C



00FF0F



0FF08B



6C786D



00B80B



003803

Inverse Universe

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



F00FE3



FF00F0



F00F74



786C77



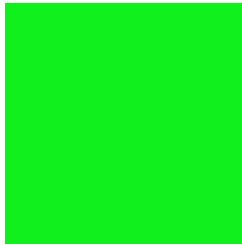
B800AD



380035

Previews

White Background



This preview shows how the Hex color 0FF01C looks on a white background.

Color Contrast Check

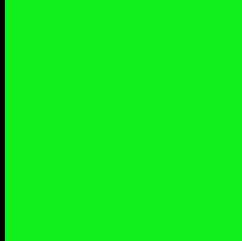
Large Text (above 18pt) WCAG AA × Fail

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 0FF01C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

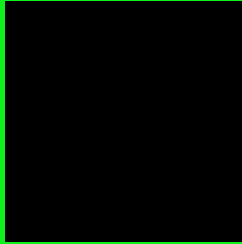
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

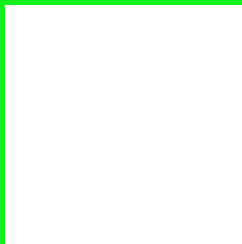
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0FF01C Background



This preview shows how black text looks on a background with the Hex color 0FF01C.



This preview shows how white text looks on a background with the Hex color 0FF01C.

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](#).

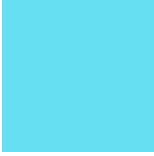
Dichromacy



Original Color
FF01C

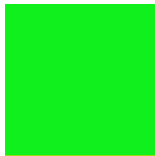
Protanopia
E7CE0E

Deuteranopia
FFC34B



Tritanopia
65DFF1

Trichromacy



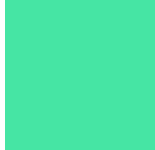
Original Color
0FF01C



Protanomaly
98DA13

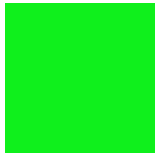


Deuteranomaly
A8D33A



Tritanomaly
46E5A4

Monochromacy



Original Color
0FF01C



Achromatopsia
959595



Achromatomaly
64B669

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FF01C 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 #0FF01C looks like.

```
.text, #text, p{  
    color:#0FF01C  
}
```

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 #0FF01C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FF01C
}
```

Border

The CSS property to change the border of an element to Hex 0FF01C 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
#0FF01C }
```

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

```
.border{ border-color:#0FF01C }
```

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

Here you see how a box with a 4 pixel #0FF01C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FF01C; -webkit-box-shadow:4px 4px  
4px 4px #0FF01C; box-shadow:4px 4px 4px  
4px #0FF01C }
```

Background

The CSS property to change the background color of an element to Hex 0FF01C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FF01C }
```

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

```
.background{ background-color:#0FF01C }
```

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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