

# Converting Colors

Hex(F0F01C)

Have a look what the booklet for  
Hex(F0F01C) contains.

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# **Color**

**Hex(F0F01C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0F01C
RGB	240, 240, 28
RGB Percent	94%, 94%, 11%
CMY	0.0588, 0.0588, 0.8902
CMYK	0.00, 0.00, 0.88, 0.06
HSL	60°, 88%, 53%
HSV	60°, 88%, 94%
XYZ	67.3049, 80.9293, 13.1722
YIQ	215.8320, 68.0520, -65.9320

# Conversions

## Conversions Part 2

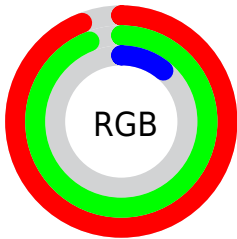
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	28, 240, 28
Decimal	15790108
CIE Lab	92.10, -20.29, 87.46
CIE LCh	92, 89.786, 103.058
Yxy	80.9293, 0.4170, 0.5014
Android (android.graphics.Color)	4293980188 (0xFFFF0F01C)
YUV	215.8320, -92.6012, 21.1953
Hunter-Lab	89.9607, -23.8849, 54.2912

# Details

The Hex color **F0F01C** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **1C1CF0**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF65**, and **B3B800** is the 20% darker color. If you saturate the color by 10%, you get **F0F004**, and if you desaturate by 10%, it is **F0F034**.

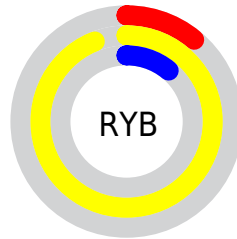
# Distribution



Red (94%)

Green (94%)

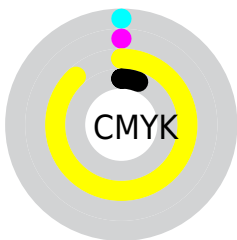
Blue (11%)



Red (11%)

Yellow (94%)

Blue (11%)

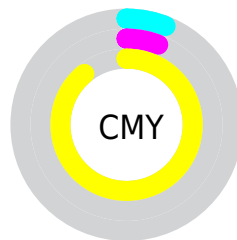


Cyan (0%)

Magenta (0%)

Yellow (88%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0F01C 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 F0F01C by changing the saturation by 10% instead.



 F0F01C

 F0F01C

FFFFFF

 D1D400

 FFFF65

 B3B800

 FFFF83

 969E00

 FFFFA1

 798400

 FFFFBF


 5C6B00

 FFFFDC

 405300

 FFFFFB

 263C00

 0B2600

 000E00

 F0F01C

 F0F01C

 F0F004

 F0F034

 F0F000

 F0F04C

 F0F064

 F0F07C

 F0F094

 F0F0AC

 F0F0C4

 F0F0DC

 F0F0F4

# Harmonies

## Analogous

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



FFD232



F0F01C



8EFF60

# Triad

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



F0F01C



00FFFF



FF9CFF

# Complementary

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



F0F01C



1C1CF0

# 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.



FFC0FF



F0F01C



00FFFF

# Square

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



F0F01C



00FFFF



7AE5FF



FF94C6

# Rectangle

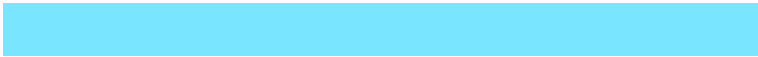
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0F01C



00FF96



7AE5FF



FFA7FF



# Sweetspot

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



F0F01C



FFFFBA



F01C1C



808057



000000



808080



# Same Dimension

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



F0F01C



FFFF00



86F01C



78786C



B8B800



383800



# Inverse Universe

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



1C1CF0



0000FF



861CF0



6C6C78



0000B8

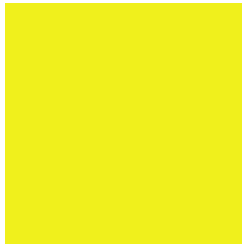


000038



# Previews

## White Background



This preview shows how the Hex color F0F01C looks on a white background.

## Color Contrast Check

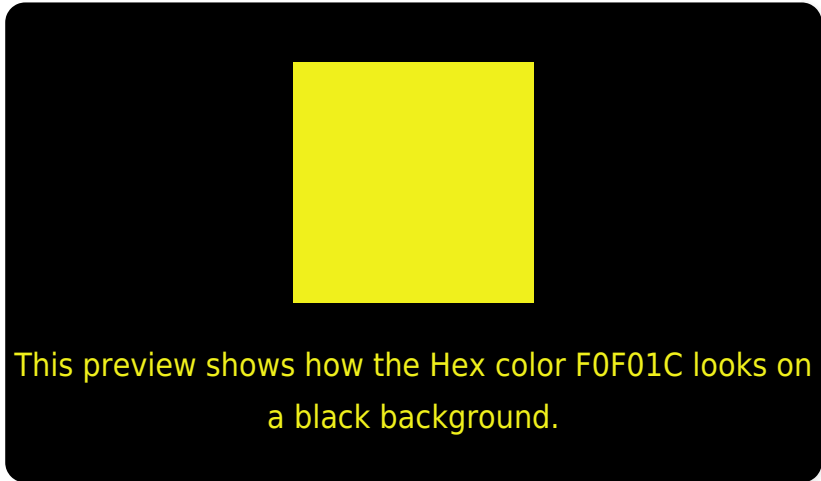
Large Text (above 18pt) WCAG AA × Fail

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 F0F01C Background



This preview shows how black text looks on a background with the Hex color F0F01C.

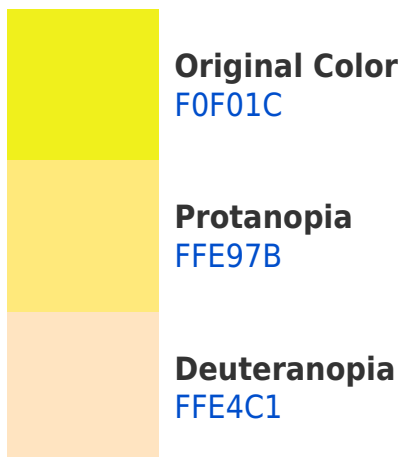


This preview shows how white text looks on a background with the Hex color F0F01C.

# 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](#).

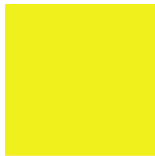
## Dichromacy





**Tritanopia**  
FFDFF0

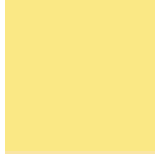
# Trichromacy



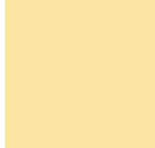
**Original Color**  
F0F01C



**Protanomaly**  
FAEC58



**Deuteranomaly**  
FAE885



**Tritanomaly**  
FAE5A3

# Monochromacy



**Original Color**  
F0F01C



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
E1E194

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0F01C 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 #F0F01C looks like.

```
.text, #text, p{  
    color:#F0F01C  
}
```

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 #F0F01C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0F01C
}
```

## Border

The CSS property to change the border of an element to Hex F0F01C 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
#F0F01C }
```

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

```
.border{ border-color:#F0F01C }
```

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

Here you see how a box with a 4 pixel #F0F01C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0F01C; -webkit-box-shadow:4px 4px  
4px 4px #F0F01C; box-shadow:4px 4px 4px  
4px #F0F01C }
```

# Background

The CSS property to change the background color of an element to Hex F0F01C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0F01C }
```

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

```
.background{ background-color:#F0F01C }
```

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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