

Converting Colors

Hex(F0F000)

Have a look what the booklet for
Hex(F0F000) contains.

Hex(F0F000)	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(F0F000)

Conversions

Conversions Part 1

Format	Color
Hex	F0F000
RGB	240, 240, 0
RGB Percent	94%, 94%, 0%
CMY	0.0588, 0.0588, 1.0000
CMYK	0.00, 0.00, 1.00, 0.06
HSL	60°, 100%, 47%
HSV	60°, 100%, 94%
XYZ	67.0953, 80.8454, 12.0684
YIQ	212.6400, 77.0400, -74.6400

Conversions

Conversions Part 2

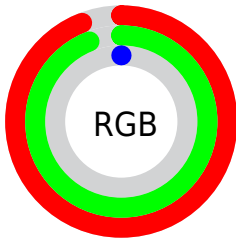
Format	Color
RYB	0, 240, 0
Decimal	15790080
CIELab	92.06, -20.59, 90.24
CIELCh	92, 92.563, 102.852
Yxy	80.8454, 0.4193, 0.5053
Android (android.graphics.Color)	4293980160 (0xFFFF0F00)
YUV	212.6400, -104.8315, 23.9947
Hunter-Lab	89.9141, -24.1502, 54.9819

Details

The Hex color **F0F000** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **0000F0**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF5D**, and **B3B800** is the 20% darker color. If you saturate the color by 10%, you get **F0F000**, and if you desaturate by 10%, it is **F0F018**.

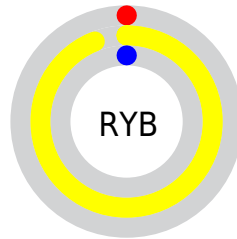
Distribution



Red (94%)

Green (94%)

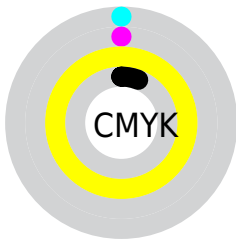
Blue (0%)



Red (0%)

Yellow (94%)

Blue (0%)

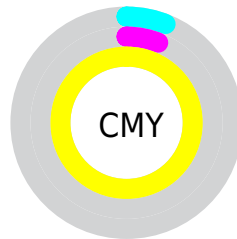


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0F000 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 F0F000 by changing the saturation by 10% instead.

 F0F000

 F0F000

FFFFFF

 D1D400

 FFFF5D

 B3B800

 FFFF7C

 959E00

 FFFF9A

 798400

 FFFFB8

 5B6B00

 FFFFD6

 405300

 FFFFF4

 253C00

 0A2600

 000E00

 F0F000

 F0F018

 F0F030

 F0F048

 F0F060

 F0F078

 F0F090

 F0F0A8

 F0F0C0

 F0F0D8

Harmonies

Analogous

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



FFD127



F0F000



8AFF5A

Triad

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



F0F000



00FFFF



FF99FF

Complementary

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



F0F000



0000F0

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.



FFBFFF



F0F000



00FFFF

Square

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



F0F000



00FFFF



6EE6FF



FF8FC6

Rectangle

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



F0F000



00FF92



6EE6FF



FFA4FF

Sweetspot

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



F0F000



FFFFB3



F00000



808052



000000



808080

Same Dimension

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



F0F000



FFFF00



78F000



78786C



B8B800



383800

Inverse Universe

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



0000F0



0000FF



7800F0



6C6C78



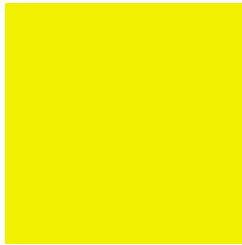
0000B8



000038

Previews

White Background



This preview shows how the Hex color F0F000 looks on a white background.

Color Contrast Check

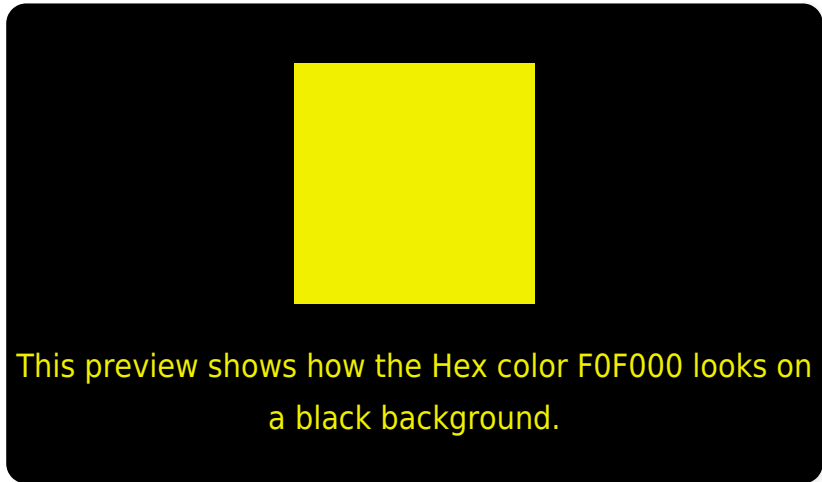
Large Text (above 18pt) WCAG AA × Fail

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 F0F000 Background



This preview shows how black text looks on a background with the Hex color F0F000.

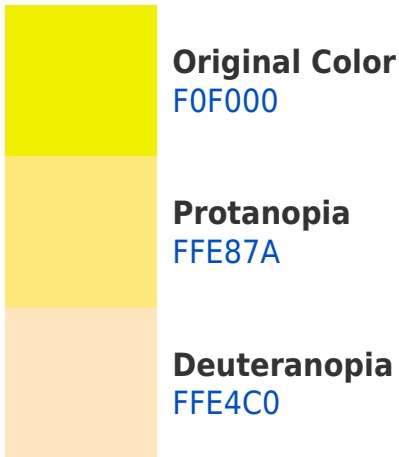


This preview shows how white text looks on a background with the Hex color F0F000.

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](#).

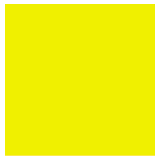
Dichromacy





Tritanopia
FFDFF0

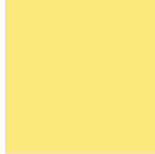
Trichromacy



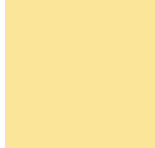
Original Color
F0F000



Protanomaly
FAEB4E

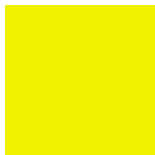


Deuteranomaly
FAE87A



Tritanomaly
FAE599

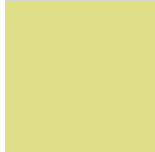
Monochromacy



Original Color
F0F000



Achromatopsia
D5D5D5



Achromatomaly
DFDF88

CSS Examples

Text

The CSS property to change the color of the text to Hex F0F000 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 #F0F000 looks like.

```
.text, #text, p{  
    color:#F0F000  
}
```

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 #F0F000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0F000
}
```

Border

The CSS property to change the border of an element to Hex F0F000 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
#F0F000 }
```

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

```
.border{ border-color:#F0F000 }
```

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

Here you see how a box with a 4 pixel #F0F000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0F000; -webkit-box-shadow:4px 4px  
4px 4px #F0F000; box-shadow:4px 4px 4px  
4px #F0F000 }
```

Background

The CSS property to change the background color of an element to Hex F0F000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0F000 }
```

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

```
.background{ background-color:#F0F000 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor