

Converting Colors

Hex(F6EF00)

Have a look what the booklet for
Hex(F6EF00) contains.

Hex(F6EF00)	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(F6EF00)

Conversions

Conversions Part 1

Format	Color
Hex	F6EF00
RGB	246, 239, 0
RGB Percent	96%, 94%, 0%
CMY	0.0353, 0.0627, 1.0000
CMYK	0.00, 0.03, 1.00, 0.04
HSL	58°, 100%, 48%
HSV	58°, 100%, 96%
XYZ	68.8725, 81.3258, 12.0675
YIQ	213.8470, 80.8910, -72.8450

Conversions

Conversions Part 2

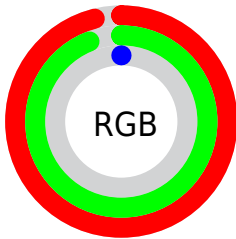
Format	Color
RYB	7, 246, 0
Decimal	16183040
CIELab	92.28, -17.61, 90.61
CIElCh	92, 92.311, 101.000
Yxy	81.3258, 0.4244, 0.5012
Android (android.graphics.Color)	4294373120 (0xFFFF6EF00)
YUV	213.8470, -105.4266, 28.1982
Hunter-Lab	90.1808, -21.4932, 55.1927

Details

The Hex color **F6EF00** 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 **0007F6**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF5D**, and **B9B700** is the 20% darker color. If you saturate the color by 10%, you get **F6EF00**, and if you desaturate by 10%, it is **F6F019**.

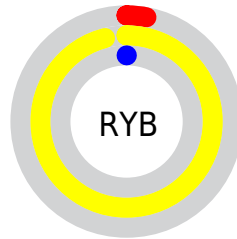
Distribution



Red (96%)

Green (94%)

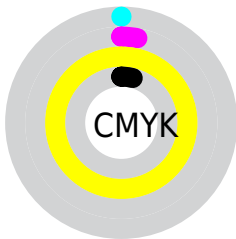
Blue (0%)



Red (3%)

Yellow (96%)

Blue (0%)

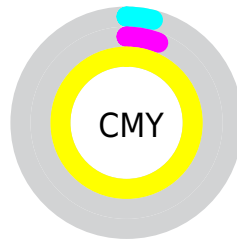


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6EF00 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 F6EF00 by changing the saturation by 10% instead.

 F6EF00

 F6EF00

FFFFFF

 D7D300

 FFFF5D

 B9B700

 FFFF7C

 9B9D00

 FFFF9A

 7E8300

 FFFFB8


 616A00

 FFFFD6

 455200

 FFFFF4

 2A3B00

 112500

 000F00

 F6EF00

 F6F019

 F6F031

 F6F14A

 F6F262

 F6F37B

 F6F394

 F6F4AC

 F6F5C5

 F6F5DD

Harmonies

Analogous

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



FFD02E



F6EF00



93FF56

Triad

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



F6EF00



00FFFF



FF9CFF

Complementary

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



F6EF00



0007F6

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.



FFC2FF



F6EF00



00FFFF

Square

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



F6EF00



00FFFF



5AE8FF



FF90CC

Rectangle

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



F6EF00



00FF8E



5AE8FF



FFA7FF

Sweetspot

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



F6EF00



FFFDB3



F60008



807E52



000000



808080

Same Dimension

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



F6EF00



FFF800



83F600



7A7A6E



BAB500



3B3900

Inverse Universe

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



0007F6



0007FF



7300F6



6E6F7A



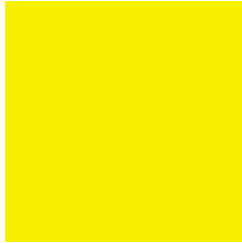
0005BA



00023B

Previews

White Background



This preview shows how the Hex color F6EF00 looks on a white background.

Color Contrast Check

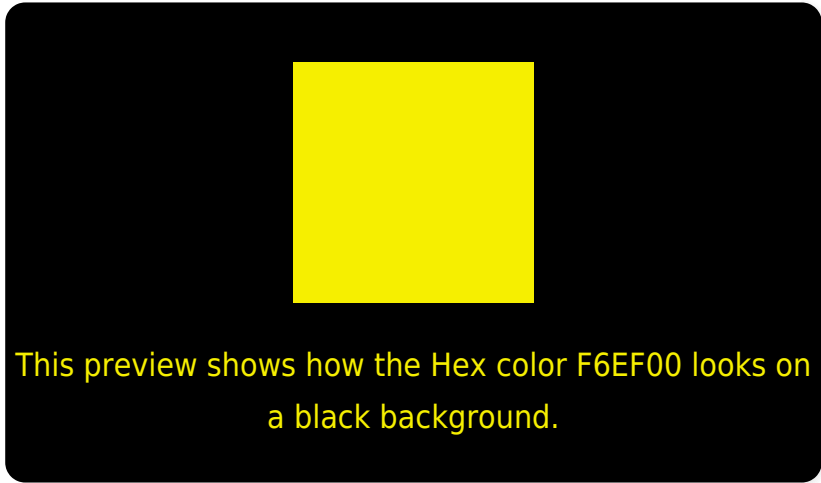
Large Text (above 18pt) WCAG AA × Fail

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 F6EF00 Background



This preview shows how black text looks on a background with the Hex color F6EF00.

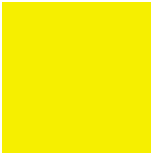
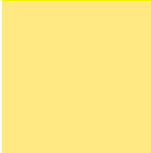
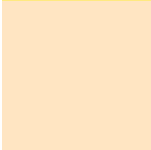


This preview shows how white text looks on a background with the Hex color F6EF00.

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](#).

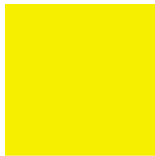
Dichromacy

	Original Color F6EF00
	Protanopia FFE980
	Deuteranopia FFE5C2



Tritanopia
FFE1EE

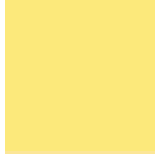
Trichromacy



Original Color
F6EF00



Protanomaly
FCEB51

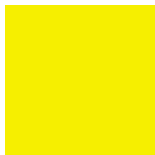


Deuteranomaly
FCE97B



Tritanomaly
FCE697

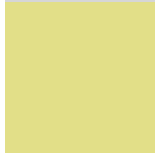
Monochromacy



Original Color
F6EF00



Achromatopsia
D6D6D6



Achromatomaly
E2DF88

CSS Examples

Text

The CSS property to change the color of the text to Hex F6EF00 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 #F6EF00 looks like.

```
.text, #text, p{  
    color:#F6EF00  
}
```

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 #F6EF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6EF00
}
```

Border

The CSS property to change the border of an element to Hex F6EF00 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
#F6EF00 }
```

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

```
.border{ border-color:#F6EF00 }
```

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

Here you see how a box with a 4 pixel #F6EF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6EF00; -webkit-box-shadow:4px 4px  
4px 4px #F6EF00; box-shadow:4px 4px 4px  
4px #F6EF00 }
```

Background

The CSS property to change the background color of an element to Hex F6EF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6EF00 }
```

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

```
.background{ background-color:#F6EF00 }
```

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