

# Converting Colors

Hex(EFF407)

Have a look what the booklet for  
Hex(EFF407) contains.

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**Color**

**Hex(EFF407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFF407
RGB	239, 244, 7
RGB Percent	94%, 96%, 3%
CMY	0.0627, 0.0431, 0.9725
CMYK	0.02, 0.00, 0.97, 0.04
HSL	61°, 94%, 49%
HSV	61°, 97%, 96%
XYZ	67.9856, 83.0674, 12.6514
YIQ	215.4870, 73.0970, -74.7670

# Conversions

## Conversions Part 2

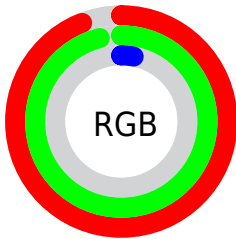
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 244, 12
Decimal	15725575
CIELab	93.04, -22.86, 90.41
CIELCh	93, 93.257, 104.188
Yxy	83.0674, 0.4153, 0.5074
Android (android.graphics.Color)	4293915655 (0xFFEFF407)
YUV	215.4870, -102.7841, 20.6209
Hunter-Lab	91.1413, -26.3477, 55.5688

# Details

The Hex color **EFF407** 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 **0C07F4**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF5F**, and **B2BC00** is the 20% darker color. If you saturate the color by 10%, you get **EFF400**, and if you desaturate by 10%, it is **F0F41F**.

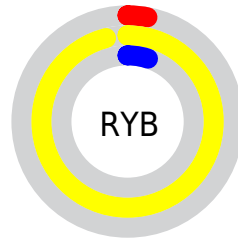
# Distribution



Red (94%)

Green (96%)

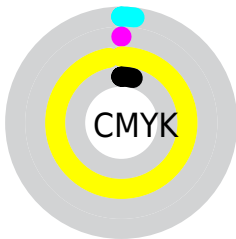
Blue (3%)



Red (3%)

Yellow (96%)

Blue (5%)

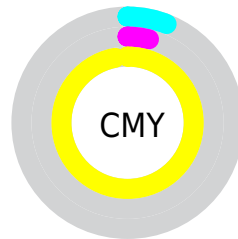


Cyan (2%)

Magenta (0%)

Yellow (97%)

Black (4%)



Cyan (6%)

Magenta (4%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFF407 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 EFF407 by changing the saturation by 10% instead.



 EFF407

 EFF407

FFFFFF

 D0D800

 FFFF5F

 B2BC00

 FFFF7E

 95A100

 FFFF9C

 788700

 FFFFBA

 5B6E00

 FFFFD8

 3F5600

 FFFFF6

 233E00

 072800

 001300

 EFF407

 EFF407

 EFF400

 F0F41F

 F0F438

 F1F450

 F1F469

 F2F481

 F2F499

 F3F4B2

 F3F4CA

 F4F4E3

# Harmonies

## Analogous

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



FFD525



FFF407



86FF5F

# Triad

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



EFF407



00FFFF



FF9AFF

# Complementary

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



EFF407



0C07F4

# 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



FFF407



00FFFF

# Square

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



EFF407



00FFFF



7EE7FF



FF92C4

# Rectangle

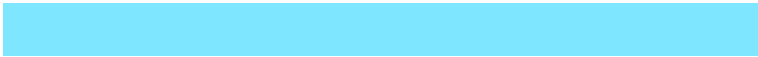
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EFF407



00FF98



7EE7FF



FFA4FF



# Sweetspot

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



EFF407



FDFFB5



F40B07



7F8053



000000



808080



# Same Dimension

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



EFF407



FAFF00



7AF407



7A7A6E



B6BA00



393B00



# Inverse Universe

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



0C07F4



0500FF



8107F4



6E6E7A



0400BA

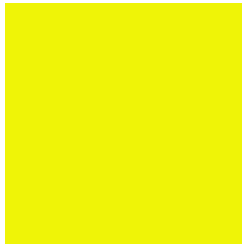


01003B



# Previews

## White Background



This preview shows how the Hex color EFF407 looks on a white background.

## Color Contrast Check

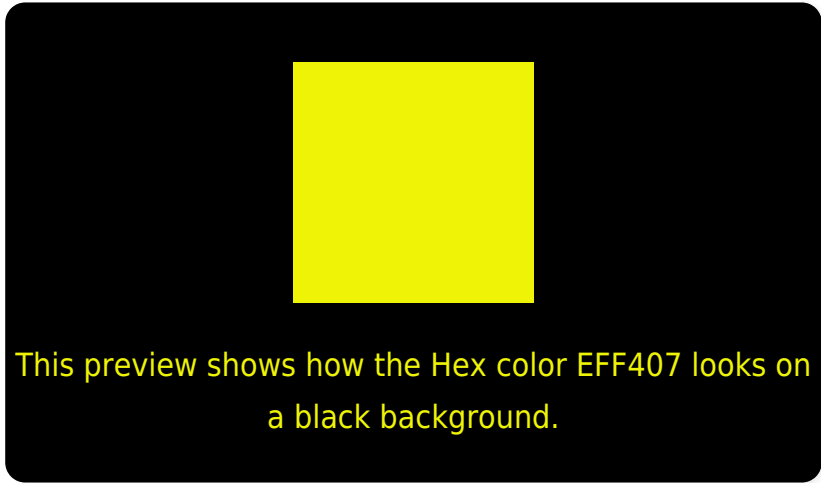
Large Text (above 18pt) WCAG AA × Fail

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 EFF407 Background



This preview shows how black text looks on a background with the Hex color EFF407.



This preview shows how white text looks on a background with the Hex color EFF407.

# 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**  
EFF407

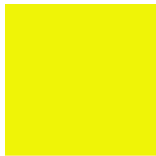
**Protanopia**  
FFEB91

**Deuteranopia**  
FFE7C9



**Tritanopia**  
FFE3F4

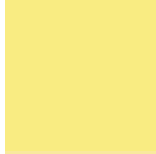
# Trichromacy



**Original Color**  
EFF407



**Protanomaly**  
F9EE5F

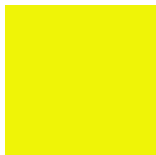


**Deuteranomaly**  
F9EC82

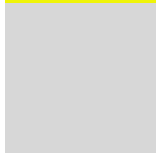


**Tritanomaly**  
F9E99E

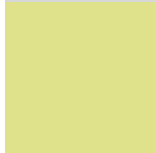
# Monochromacy



**Original Color**  
EFF407



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
E0E28B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFF407 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 #EFF407 looks like.

```
.text, #text, p{  
    color:#EFF407  
}
```

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 #EFF407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFF407
}
```

## Border

The CSS property to change the border of an element to Hex EFF407 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
#EFF407 }
```

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

```
.border{ border-color:#EFF407 }
```

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

Here you see how a box with a 4 pixel #EFF407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFF407; -webkit-box-shadow:4px 4px  
4px 4px #EFF407; box-shadow:4px 4px 4px  
4px #EFF407 }
```

# Background

The CSS property to change the background color of an element to Hex EFF407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFF407 }
```

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

```
.background{ background-color:#EFF407 }
```

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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