

# Converting Colors

Hex(F0EE76)

Have a look what the booklet for  
Hex(F0EE76) contains.

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**Color**

**Hex(F0EE76)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0EE76
RGB	240, 238, 118
RGB Percent	94%, 93%, 46%
CMY	0.0588, 0.0667, 0.5373
CMYK	0.00, 0.01, 0.51, 0.06
HSL	59°, 80%, 70%
HSV	59°, 51%, 94%
XYZ	69.7797, 80.9823, 29.0929
YIQ	224.9180, 39.7120, -36.8960

# Conversions

## Conversions Part 2

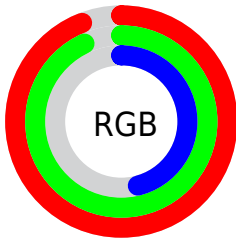
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 240, 118
Decimal	15789686
CIE <sub>Lab</sub>	92.12, -14.99, 57.60
CIE <sub>LCh</sub>	92, 59.523, 104.588
Yxy	80.9823, 0.3880, 0.4503
Android (android.graphics.Color)	4293979766 (0xFFFF0EE76)
YUV	224.9180, -52.7106, 13.2269
Hunter-Lab	89.9902, -19.0713, 43.8253

# Details

The Hex color **F0EE76** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7678F0**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFAD**, and **B6B640** is the 20% darker color. If you saturate the color by 10%, you get **F0EE5E**, and if you desaturate by 10%, it is **F0EE8E**.

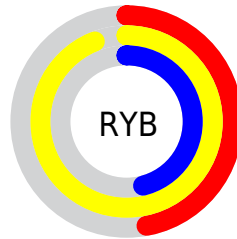
# Distribution



Red (94%)

Green (93%)

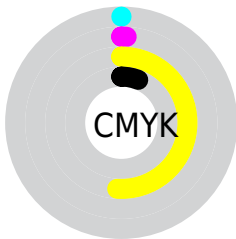
Blue (46%)



Red (47%)

Yellow (94%)

Blue (46%)

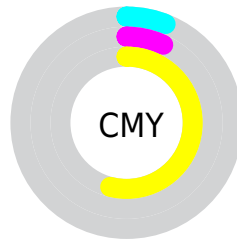


Cyan (0%)

Magenta (1%)

Yellow (51%)

Black (6%)



Cyan (6%)

Magenta (7%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0EE76 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 F0EE76 by changing the saturation by 10% instead.



 F0EE76

 F0EE76

FFFFFF

 D3D25B

 FFFFAD

 B6B640

 FFFFC9

 999C24

 FFFFEE

 7E8200

 626900

 495100

 2E3A00

 152400

 000E00

 F0EE76

 F0EE76

 F0EE5E

 F0EE8E

 F0ED46

 F0EFA6

 F0ED2E

 F0EFBE

 F0EC16

 F0F0D6

 F0EC00

 F0F0EE

 F0F0FF

 F0F1FF

 F0F2FF

# Harmonies

## Analogous

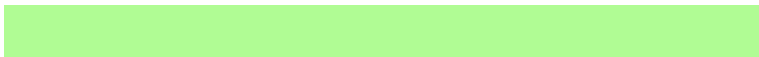
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDB79



F0EE76



B0FC94

# Triad

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



F0EE76



00FFFF



FFBDF5

# Complementary

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



F0EE76



7678F0

# 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.



FFCFFF



F0EE76



27F7FF

# Square

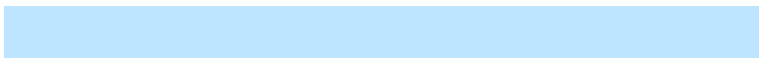
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0EE76



00FFFF



BEE5FF



FFBACE

# Rectangle

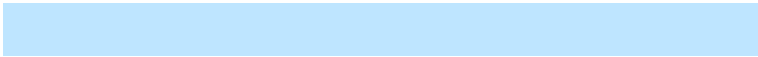
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0EE76



7BFFB5



BEE5FF



FFC2FF



# Sweetspot

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



F0EE76



FFFED9



F07678



807F69



000000



808080



# Same Dimension

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



F0EE76



FFFC63



B5F076



78786C



B8B500



383700



# Inverse Universe

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



7678F0



6366FF



B176F0



6C6C78



0003B8

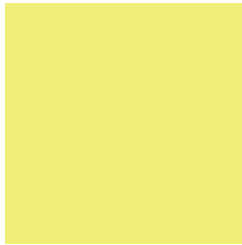


000138



# Previews

## White Background



This preview shows how the Hex color F0EE76 looks on a white background.

## Color Contrast Check

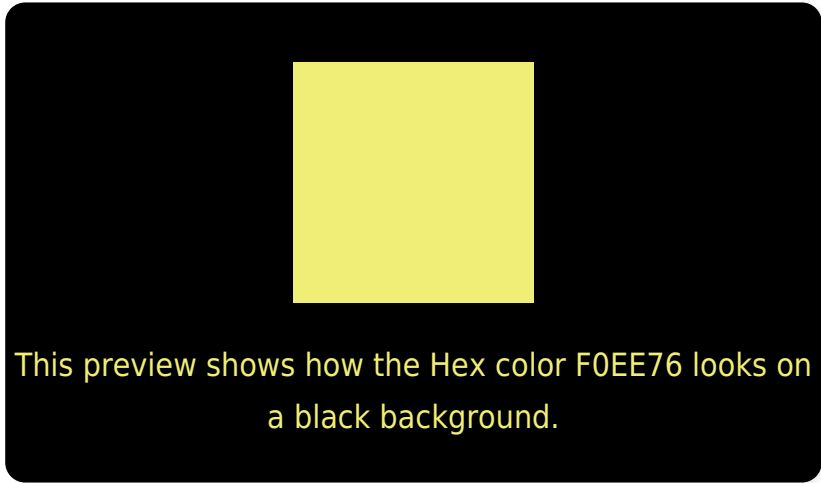
Large Text (above 18pt) WCAG AA × Fail

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 F0EE76 Background



This preview shows how black text looks on a background with the Hex color F0EE76.

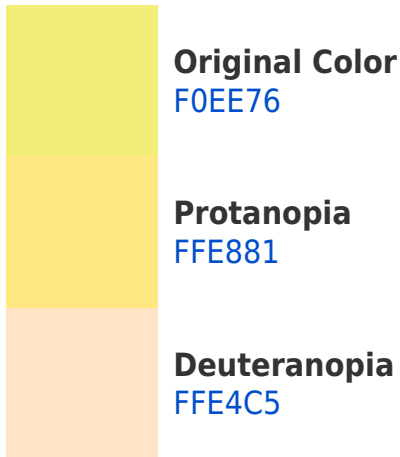


This preview shows how white text looks on a background with the Hex color F0EE76.

# 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](#).

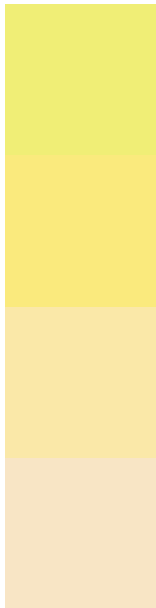
## Dichromacy





**Tritanopia**  
FDE0F2

# Trichromacy



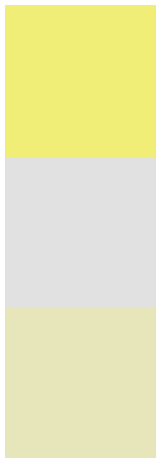
**Original Color**  
F0EE76

**Protanomaly**  
FAEA7D

**Deuteranomaly**  
FAE8A8

**Tritanomaly**  
F8E5C5

# Monochromacy



**Original Color**  
F0EE76

**Achromatopsia**  
E1E1E1

**Achromatomaly**  
E6E6BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0EE76 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 #F0EE76 looks like.

```
.text, #text, p{  
    color:#F0EE76  
}
```

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 #F0EE76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0EE76
}
```

## Border

The CSS property to change the border of an element to Hex F0EE76 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
#F0EE76 }
```

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

```
.border{ border-color:#F0EE76 }
```

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

Here you see how a box with a 4 pixel #F0EE76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0EE76; -webkit-box-shadow:4px 4px  
4px 4px #F0EE76; box-shadow:4px 4px 4px  
4px #F0EE76 }
```

# Background

The CSS property to change the background color of an element to Hex F0EE76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0EE76 }
```

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

```
.background{ background-color:#F0EE76 }
```

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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