

# Converting Colors

Hex(F0EC70)

Have a look what the booklet for  
Hex(F0EC70) contains.

<b>Hex(F0EC70)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F0EC70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F0EC70
RGB	240, 236, 112
RGB Percent	94%, 93%, 44%
CMY	0.0588, 0.0745, 0.5608
CMYK	0.00, 0.02, 0.53, 0.06
HSL	58°, 81%, 69%
HSV	58°, 53%, 94%
XYZ	68.8553, 79.6860, 27.0811
YIQ	223.0600, 42.1880, -37.7160

# Conversions

## Conversions Part 2

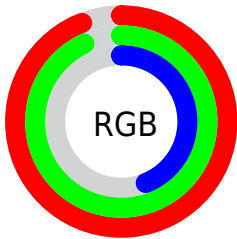
Format	Color
<a href="#">RYB</a>	<a href="#">116, 240, 112</a>
Decimal	<a href="#">15789168</a>
CIELab	<a href="#">91.54, -14.49, 59.64</a>
CIELCh	<a href="#">92, 61.379, 103.657</a>
Yxy	<a href="#">79.6860, 0.3921, 0.4537</a>
Android (android.graphics.Color)	<a href="#">4293979248</a> <a href="#">(0xFFFF0EC70)</a>
YUV	<a href="#">223.0600, -54.7526, 14.8564</a>
Hunter-Lab	<a href="#">89.2670, -18.5330, 44.5000</a>

# Details

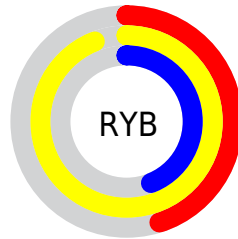
The Hex color **F0EC70** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7074F0**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFA7**, and **B5B43A** is the 20% darker color. If you saturate the color by 10%, you get **F0EB58**, and if you desaturate by 10%, it is **F0ED88**.

# Distribution



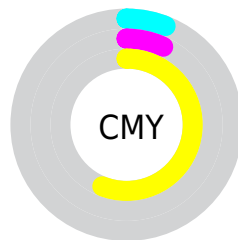
- Red (94%)
- Green (93%)
- Blue (44%)



- Red (45%)
- Yellow (94%)
- Blue (44%)



- Cyan (0%)
- Magenta (2%)
- Yellow (53%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0EC70 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 F0EC70 by changing the saturation by 10% instead.



 F0EC70

 F0EC70

FFFFFF

 D2D055

 FFFFA7

 B5B43A

 FFFFC3

 999A1C

 FFFFEO

 7D8000

FFFFFFD

 626700

 484F00

 2D3800

 152300

 000B00

 F0EC70

 F0EC70

 F0EB58

 F0ED88

 F0EA40

 F0EDA0

 F0EA28

 F0EEB8

 F0E910

 F0EFD0

 F0E800

 F0F0E8

 F0F1FF

 F0F2FF

 F0F3FF

# Harmonies

## Analogous

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



FFD874



F0EC70



AEFA8E

# Triad

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



F0EC70



00FFFF



FFBAFF

# Complementary

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



F0EC70



7074F0

# 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.



FFCDFF



F0EC70



00F6FF

# Square

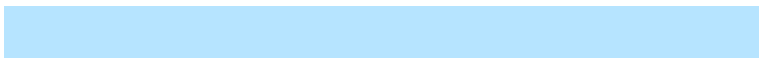
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0EC70



00FFFF



B6E4FF



FFB6CE

# Rectangle

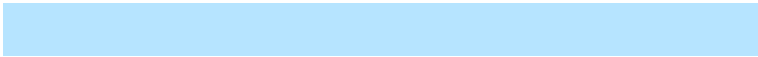
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0EC70



78FFB0



B6E4FF



FFBFFF



# Sweetspot

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



F0EC70



FFFED6



F07074



807F67



000000



808080



# Same Dimension

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



F0EC70



FFFA5C



B4F070



78776C



B8B200



383600



# Inverse Universe

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



7074F0



5C61FF



AC70F0



6C6C78



0006B8

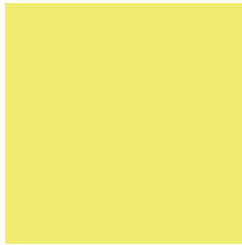


000238



# Previews

## White Background



This preview shows how the Hex color F0EC70 looks on a white background.

## Color Contrast Check

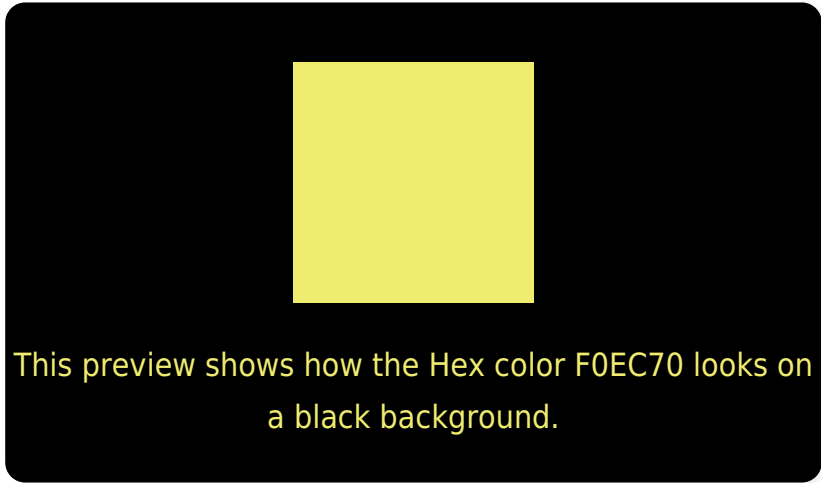
Large Text (above 18pt) WCAG AA × Fail

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 F0EC70 Background



This preview shows how black text looks on a background with the Hex color F0EC70.

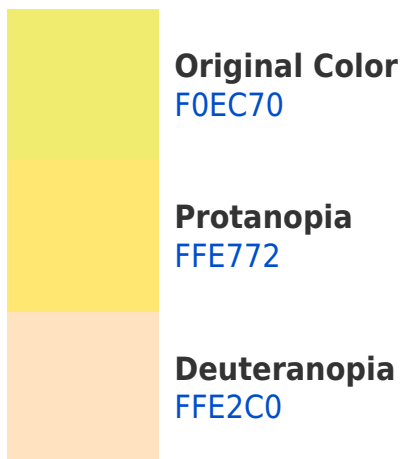


This preview shows how white text looks on a background with the Hex color F0EC70.

# 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](#).

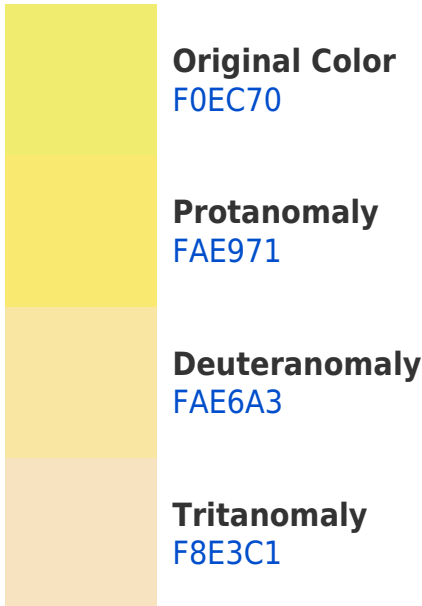
## Dichromacy



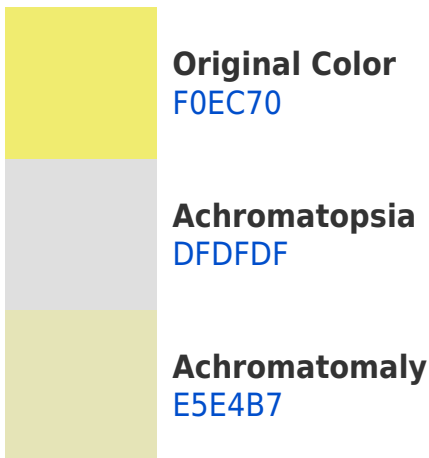


**Tritanopia**  
FDDEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0EC70 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 #F0EC70 looks like.

```
.text, #text, p{  
    color:#F0EC70  
}
```

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 #F0EC70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0EC70
}
```

## Border

The CSS property to change the border of an element to Hex F0EC70 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
#F0EC70 }
```

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

```
.border{ border-color:#F0EC70 }
```

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

Here you see how a box with a 4 pixel #F0EC70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0EC70; -webkit-box-shadow:4px 4px  
4px 4px #F0EC70; box-shadow:4px 4px 4px  
4px #F0EC70 }
```

# Background

The CSS property to change the background color of an element to Hex F0EC70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0EC70 }
```

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

```
.background{ background-color:#F0EC70 }
```

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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