

# Converting Colors

Hex(EFD44F)

Have a look what the booklet for  
Hex(EFD44F) contains.

<b>Hex(EFD44F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(EFD44F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFD44F
RGB	239, 212, 79
RGB Percent	94%, 83%, 31%
CMY	0.0627, 0.1686, 0.6902
CMYK	0.00, 0.11, 0.67, 0.06
HSL	50°, 83%, 62%
HSV	50°, 67%, 94%
XYZ	60.5514, 66.0022, 16.9454
YIQ	204.9110, 58.7850, -35.6390

# Conversions

## Conversions Part 2

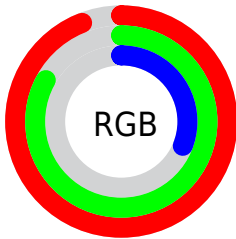
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 239, 79
Decimal	15717455
CIELab	85.00, -5.11, 66.55
CIELCh	85, 66.750, 94.387
Yxy	66.0022, 0.4220, 0.4599
Android (android.graphics.Color)	4293907535 (0xFFEFD44F)
YUV	204.9110, -62.0741, 29.8961
Hunter-Lab	81.2417, -9.1328, 44.5025

# Details

The Hex color **EFD44F** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4F6AEF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF86**, and **B39E0D** is the 20% darker color. If you saturate the color by 10%, you get **EFD037**, and if you desaturate by 10%, it is **EFD867**.

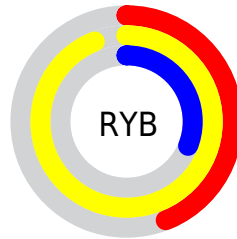
# Distribution



Red (94%)

Green (83%)

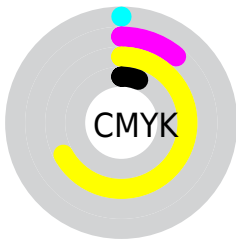
Blue (31%)



Red (44%)

Yellow (94%)

Blue (31%)

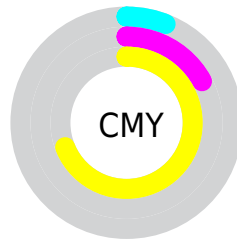


Cyan (0%)

Magenta (11%)

Yellow (67%)

Black (6%)



Cyan (6%)

Magenta (17%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFD44F 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 EFD44F by changing the saturation by 10% instead.



 EFD44F

 EFD44F

FFFFFF

 D1B932

 FFFF86

 B39E0D

 FFFFA2

 968400

 FFFFBF

 7A6B00

 FFFFDB

 5F5300

 FFFFF9

 433C00

 2A2700

 0E1300

 000000

 EFD44F

 EFD44F

 EFD037

 EFD867

 EFCC1F

 EFDC7F

 EFC807

 EFE097

 EFC700

 EFE4AF

 EFE8C6

 EFECDE

 EFF0F6

 EFF4FF

 EFF8FF

# Harmonies

## Analogous

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



FFBD61



EFD44F



ADE567

# Triad

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



EFD44F



00F2FF



FFA7FF

# Complementary

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



EFD44F



4F6AEF

# 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.



E4C0FF



EFD44F



00E9FF

# Square

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



EFD44F



00F4DC



6AD8FF



FF9CCD

# Rectangle

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



EFD44F



76ED88



6AD8FF



FFAFFF



# Sweetspot

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



EFD44F



FFF6CC



EF4F6C



807A61



000000



808080



# Same Dimension

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



EFD44F



FFDD33



BCEF4F



78766C



B89900



382F00



# Inverse Universe

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



4F6AEF



3355FF



824FEF



6C6E78



001FB8

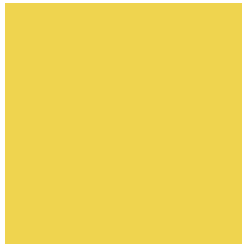


000938



# Previews

## White Background



This preview shows how the Hex color EFD44F looks on a white background.

## Color Contrast Check

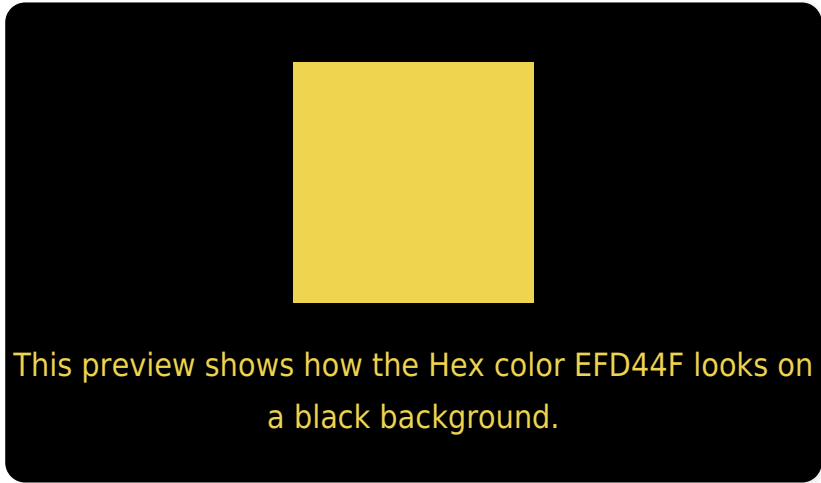
Large Text (above 18pt) WCAG AA × Fail

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 EFD44F Background



This preview shows how black text looks on a background with the Hex color EFD44F.

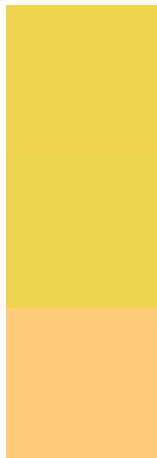


This preview shows how white text looks on a background with the Hex color EFD44F.

# 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**  
EFD44F

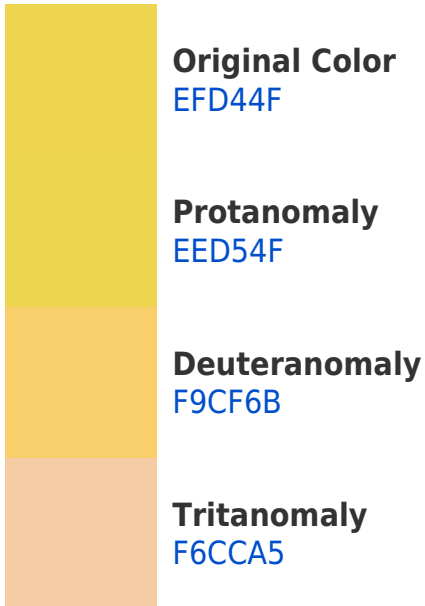
**Protanopia**  
EDD54F

**Deuteranopia**  
FFCC7B

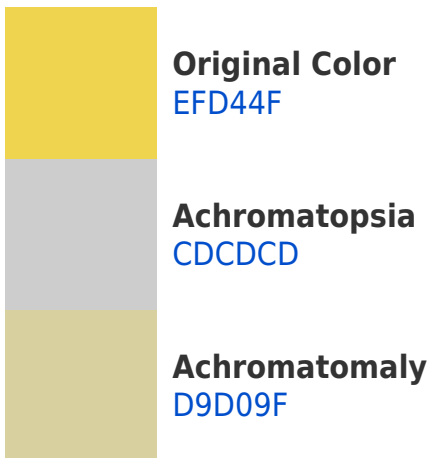


**Tritanopia**  
FAC7D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFD44F 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 #EFD44F looks like.

```
.text, #text, p{  
    color:#EFD44F  
}
```

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 #EFD44F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFD44F
}
```

## Border

The CSS property to change the border of an element to Hex EFD44F 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
#EFD44F }
```

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

```
.border{ border-color:#EFD44F }
```

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

Here you see how a box with a 4 pixel #EFD44F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFD44F; -webkit-box-shadow:4px 4px  
4px 4px #EFD44F; box-shadow:4px 4px 4px  
4px #EFD44F }
```

# Background

The CSS property to change the background color of an element to Hex EFD44F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFD44F }
```

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

```
.background{ background-color:#EFD44F }
```

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