

Converting Colors

Hex(EFD400)

Have a look what the booklet for
Hex(EFD400) contains.

Hex(EFD400)	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(EFD400)

Conversions

Conversions Part 1

Format	Color
Hex	EFD400
RGB	239, 212, 0
RGB Percent	94%, 83%, 0%
CMY	0.0627, 0.1686, 1.0000
CMYK	0.00, 0.11, 1.00, 0.06
HSL	53°, 100%, 47%
HSV	53°, 100%, 94%
XYZ	59.1401, 65.4377, 9.5137
YIQ	195.9050, 84.1440, -60.2080

Conversions

Conversions Part 2

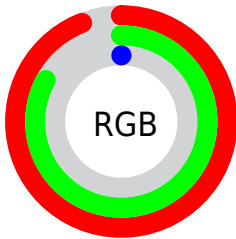
Format	Color
R _Y B	30, 239, 0
Decimal	15717376
CIE Lab	84.71, -7.23, 84.89
CIE LCh	85, 85.195, 94.869
Yxy	65.4377, 0.4410, 0.4880
Android (android.graphics.Color)	4293907456 (0xFFEFD400)
YUV	195.9050, -96.5812, 37.7943
Hunter-Lab	80.8936, -11.0650, 49.6525

Details

The Hex color **EFD400** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **001BEF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF58**, and **B29E00** is the 20% darker color. If you saturate the color by 10%, you get **EFD400**, and if you desaturate by 10%, it is **EFD718**.

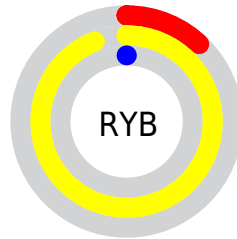
Distribution



Red (94%)

Green (83%)

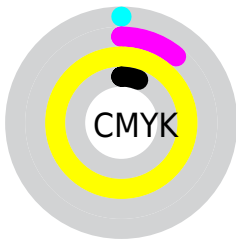
Blue (0%)



Red (12%)

Yellow (94%)

Blue (0%)

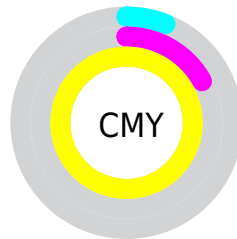


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color EFD400 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 EFD400 by changing the saturation by 10% instead.

 EFD400

 EFD400

FFFFFF

 D0B900

 FFFF58

 B29E00

 FFFF76

 948400

 FFFF93

 776B00

 FFFFB0


 5B5300

 FFFFCE

 403D00

 FFFFEC

 262700

 081300

 000000

 EFD400

 EFD718

 EFD930

 EFDC48

 EFDF60

 EFE277

 EFE48F

 EFE7A7

 EFEABF

 EFECD7

Harmonies

Analogous

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



FFB638



EFD400



9BE940

Triad

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



EFD400



00F7FF



FF94FF

Complementary

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



EFD400



001BEF

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.



E5B8FF



EFD400



00EEFF

Square

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



EFD400



00F9DF



00D9FF



FF82CA

Rectangle

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



EFD400



42F171



00D9FF



FF9FFF

Sweetspot

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



EFD400



FFF6B3



EF001C



807A52



000000



808080

Same Dimension

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



EFD400



FFE200



93EF00



78766C



B8A300



383200

Inverse Universe

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



001BEF



001DFF



5C00EF



6C6D78



0015B8



000638

Previews

White Background



This preview shows how the Hex color EFD400 looks on a white background.

Color Contrast Check

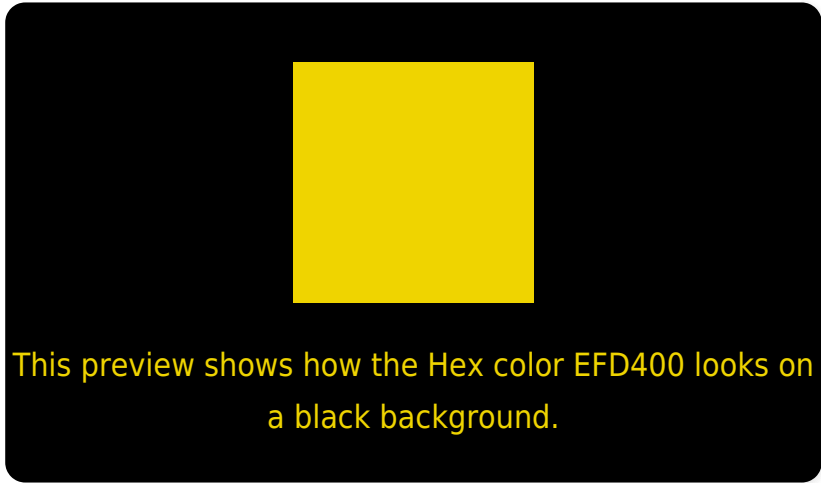
Large Text (above 18pt) WCAG AA × Fail

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 EFD400 Background



This preview shows how black text looks on a background with the Hex color EFD400.



This preview shows how white text looks on a background with the Hex color EFD400.

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
EFD400

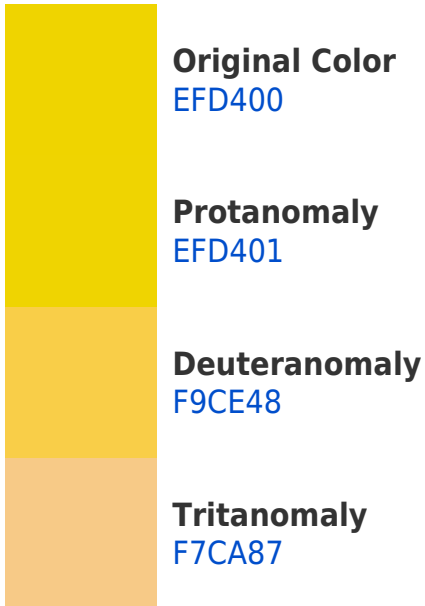
Protanopia
EFD402

Deuteranopia
FFCB71

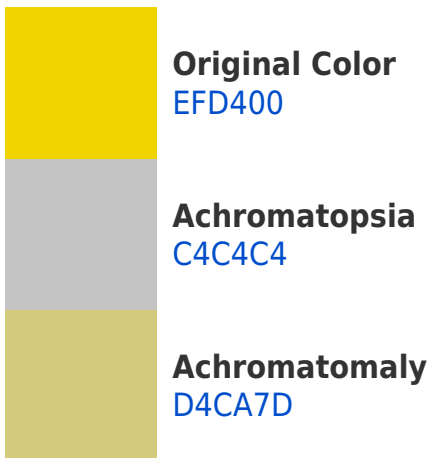


Tritanopia
FBC5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EFD400 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 #EFD400 looks like.

```
.text, #text, p{  
    color:#EFD400  
}
```

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 #EFD400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFD400
}
```

Border

The CSS property to change the border of an element to Hex EFD400 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
#EFD400 }
```

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

```
.border{ border-color:#EFD400 }
```

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

Here you see how a box with a 4 pixel #EFD400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFD400; -webkit-box-shadow:4px 4px  
4px 4px #EFD400; box-shadow:4px 4px 4px  
4px #EFD400 }
```

Background

The CSS property to change the background color of an element to Hex EFD400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFD400 }
```

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

```
.background{ background-color:#EFD400 }
```

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