

# Converting Colors

Hex(EFE530)

Have a look what the booklet for  
Hex(EFE530) contains.

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**Color**

**Hex(EFE530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFE530
RGB	239, 229, 48
RGB Percent	94%, 90%, 19%
CMY	0.0627, 0.1020, 0.8118
CMYK	0.00, 0.04, 0.80, 0.06
HSL	57°, 86%, 56%
HSV	57°, 80%, 94%
XYZ	64.1494, 74.6027, 13.8150
YIQ	211.3560, 64.0610, -54.1710

# Conversions

## Conversions Part 2

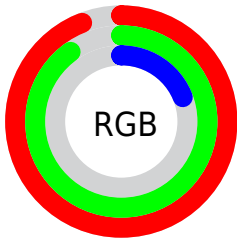
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 239, 48
Decimal	15721776
CIE <sub>Lab</sub>	89.21, -14.89, 80.89
CIE <sub>LCh</sub>	89, 82.251, 100.430
Yxy	74.6027, 0.4205, 0.4890
Android (android.graphics.Color)	4293911856 (0xFFEFE530)
YUV	211.3560, -80.5345, 24.2438
Hunter-Lab	86.3729, -18.5800, 50.9778

# Details

The Hex color **EFE530** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **303AEF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF6F**, and **B3AE00** is the 20% darker color. If you saturate the color by 10%, you get **EFE418**, and if you desaturate by 10%, it is **EFE648**.

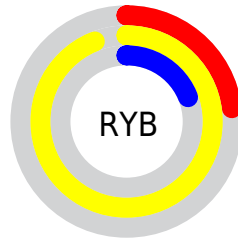
# Distribution



Red (94%)

Green (90%)

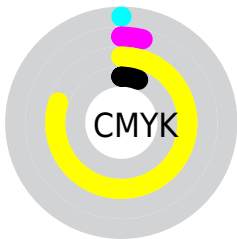
Blue (19%)



Red (23%)

Yellow (94%)

Blue (19%)

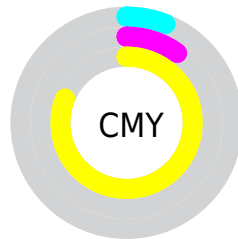


Cyan (0%)

Magenta (4%)

Yellow (80%)

Black (6%)



Cyan (6%)

Magenta (10%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFE530 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 EFE530 by changing the saturation by 10% instead.



 EFE530

 EFE530

FFFFFF

 D1C900

 FFFF6F

 B3AE00

 FFFF8C

 959300

 FFFFA9

 797A00

 FFFF6C

 5C6100

 FFFFE4

 414A00

 273300

 0C1F00

 000000

 EFE530

 EFE530

 EFE418

 EFE648

 EFE200

 EFE860

 EFE978

 EFEA90

 EFEBA7

 EFEDBF

 EFEEED7

 EFEFEF

 EFF0FF

# Harmonies

## Analogous

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



FFC943



EFE530



99F860

# Triad

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



EFE530



00FFFF



FF9FFF

# Complementary

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



EFE530



303AEF

# 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



EFE530



00F7FF

# Square

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



EFE530



00FFFA



70E0FF



FF95C8

# Rectangle

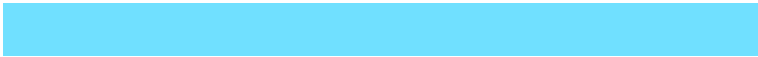
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EFE530



36FF8F



70E0FF



FFA9FF



# Sweetspot

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



EFE530



FFFCC2



EF303D



807E5B



000000



808080



# Same Dimension

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



EFE530



FFF20A



9CEF30



78776C



B8AE00



383500



# Inverse Universe

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



303AEF



0A17FF



8330EF



6C6C78



000AB8

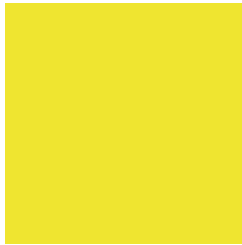


000338



# Previews

## White Background



This preview shows how the Hex color EFE530 looks on a white background.

## Color Contrast Check

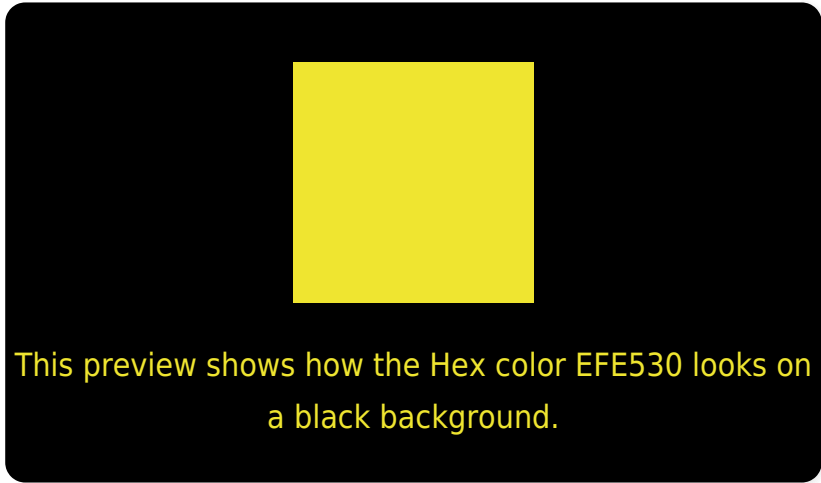
Large Text (above 18pt) WCAG AA × Fail

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 EFE530 Background



This preview shows how black text looks on a background with the Hex color EFE530.

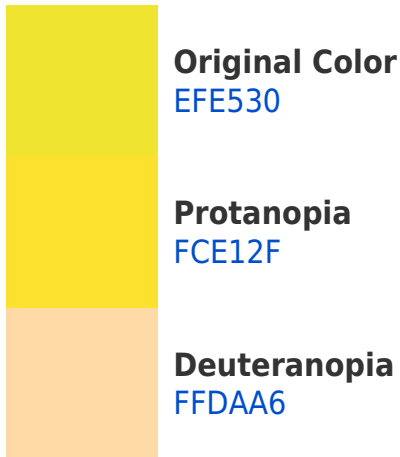


This preview shows how white text looks on a background with the Hex color EFE530.

# 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](#).

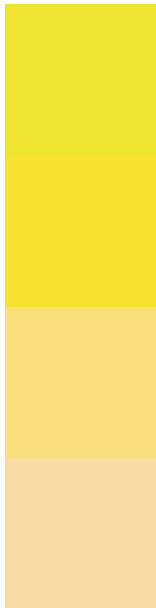
## Dichromacy





**Tritanopia**  
FDD5E6

# Trichromacy



**Original Color**  
EFE530

**Protanomaly**  
F7E22F

**Deuteranomaly**  
F9DE7B

**Tritanomaly**  
F8DBA4

# Monochromacy



**Original Color**  
EFE530

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
DDDA98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFE530 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 #EFE530 looks like.

```
.text, #text, p{  
    color:#EFE530  
}
```

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 #EFE530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFE530
}
```

## Border

The CSS property to change the border of an element to Hex EFE530 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
#EFE530 }
```

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

```
.border{ border-color:#EFE530 }
```

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

Here you see how a box with a 4 pixel #EFE530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFE530; -webkit-box-shadow:4px 4px  
4px 4px #EFE530; box-shadow:4px 4px 4px  
4px #EFE530 }
```

# Background

The CSS property to change the background color of an element to Hex EFE530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFE530 }
```

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

```
.background{ background-color:#EFE530 }
```

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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