

# Converting Colors

Hex(EFCE6B)

Have a look what the booklet for  
Hex(EFCE6B) contains.

<b>Hex(EFCE6B)</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(EFCE6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFCE6B
RGB	239, 206, 107
RGB Percent	94%, 81%, 42%
CMY	0.0627, 0.1922, 0.5804
CMYK	0.00, 0.14, 0.55, 0.06
HSL	45°, 80%, 68%
HSV	45°, 55%, 94%
XYZ	60.3218, 63.5549, 22.9979
YIQ	204.5810, 51.4470, -23.7930

# Conversions

## Conversions Part 2

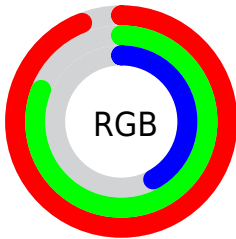
Format	Color
<b>RYB</b>	151, 239, 107
Decimal	15715947
CIELab	83.73, -0.20, 52.85
CIELCh	84, 52.847, 90.219
Yxy	63.5549, 0.4107, 0.4327
Android (android.graphics.Color)	4293906027 (0xFFEFCE6B)
YUV	204.5810, -48.1074, 30.1855
Hunter-Lab	79.7213, -4.4489, 38.7010

# Details

The Hex color **EFCE6B** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6B8CEF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFA1**, and **B49837** is the 20% darker color. If you saturate the color by 10%, you get **EFC853**, and if you desaturate by 10%, it is **EFD483**.

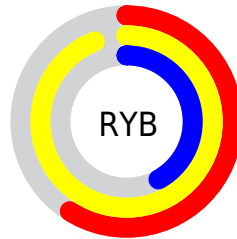
# Distribution



Red (94%)

Green (81%)

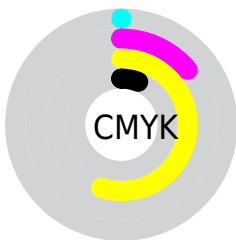
Blue (42%)



Red (59%)

Yellow (94%)

Blue (42%)

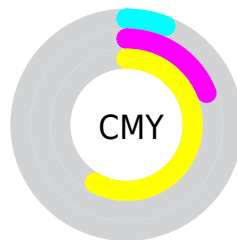


Cyan (0%)

Magenta (14%)

Yellow (55%)

Black (6%)



Cyan (6%)

Magenta (19%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFCE6B 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 EFCE6B by changing the saturation by 10% instead.



 EFCE6B

 EFCE6B

FFFFFF

 D1B351

 FFFFA1

 B49837

 FFFFBC

 987E1B

 FFFFD9

 7C6500

 FFFFF6

 614E00

 463700

 2D2200

 120D00

 000000

 EFCE6B

 EFCE6B

 EFC853

 EFD483

 EFC23B

 EFDA9B

 EFBC23

 EFE0B3

 EFB60B

 EFE6CB

 EFB300

 EFCECE3

 EFF2FA

 EFF8FF

 EFFEFF

 EFFFFF

# Harmonies

## Analogous

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



FFBC7B



EFCE6B



BCDD78

# Triad

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



EFCE6B



00E9FF



FFB2FF

# Complementary

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



EFCE6B



6B8CEF

# 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.



D5C4FF



EFCE6B



00E3FF

# Square

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



EFCE6B



00EACF



7FD6FF



FFA8D2

# Rectangle

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



EFCE6B



94E48F



7FD6FF



FFB7FF



# Sweetspot

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



EFCE6B



FFF4D4



EF6B8C



807966



000000



808080



# Same Dimension

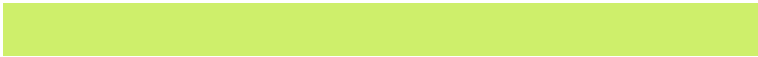
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EFCE6B



FFD557



CEEF6B



78756C



B88A00



382A00



# Inverse Universe

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



6B8CEF



5781FF



8C6BEF



6C6F78



002EB8



000E38



# Previews

## White Background



This preview shows how the Hex color EFCE6B looks on a white background.

## Color Contrast Check

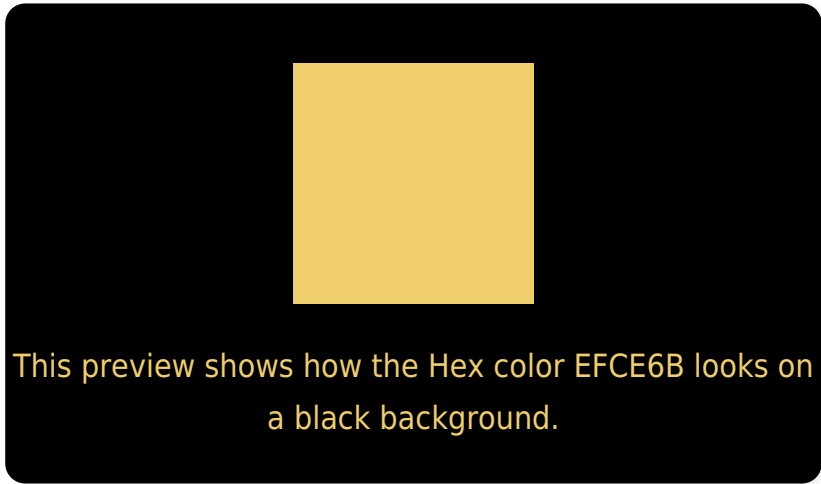
Large Text (above 18pt) WCAG AA × Fail

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 EFCE6B Background



This preview shows how black text looks on a background with the Hex color EFCE6B.

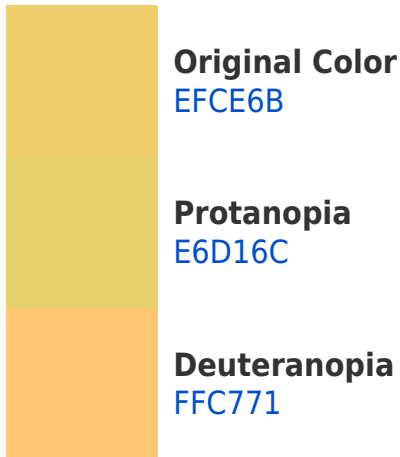


This preview shows how white text looks on a background with the Hex color EFCE6B.

# 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](#).

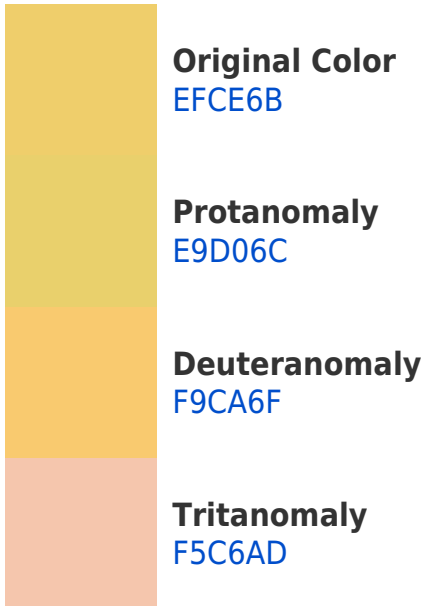
## Dichromacy



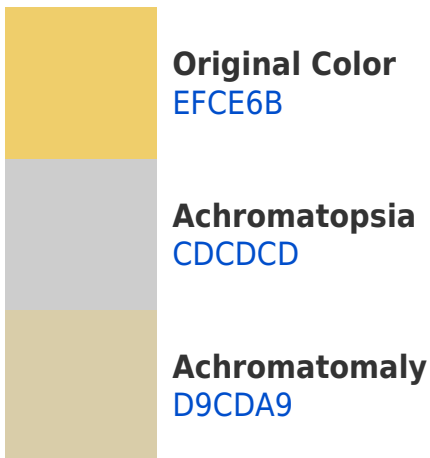


**Tritanopia**  
F8C2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFCE6B 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 #EFCE6B looks like.

```
.text, #text, p{  
    color:#EFCE6B  
}
```

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 #EFCE6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFCE6B
}
```

## Border

The CSS property to change the border of an element to Hex EFCE6B 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
#EFCE6B }
```

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

```
.border{ border-color:#EFCE6B }
```

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

Here you see how a box with a 4 pixel #EFCE6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFCE6B; -webkit-box-shadow:4px 4px  
4px 4px #EFCE6B; box-shadow:4px 4px 4px  
4px #EFCE6B }
```

# Background

The CSS property to change the background color of an element to Hex EFCE6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFCE6B }
```

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

```
.background{ background-color:#EFCE6B }
```

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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