

# Converting Colors

Hex(E8C34F)

Have a look what the booklet for  
Hex(E8C34F) contains.

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# **Color**

**Hex(E8C34F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8C34F
RGB	232, 195, 79
RGB Percent	91%, 76%, 31%
CMY	0.0902, 0.2353, 0.6902
CMYK	0.00, 0.16, 0.66, 0.09
HSL	45°, 77%, 61%
HSV	45°, 66%, 91%
XYZ	54.2051, 56.7505, 15.4942
YIQ	192.8390, 59.2880, -28.2320

# Conversions

## Conversions Part 2

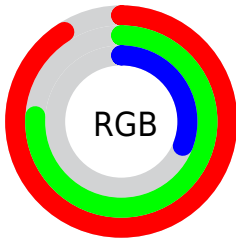
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 232, 79
Decimal	15254351
CIELab	80.04, 0.68, 61.17
CIELCh	80, 61.173, 89.365
Yxy	56.7505, 0.4287, 0.4488
Android (android.graphics.Color)	4293444431 (0xFFE8C34F)
YUV	192.8390, -56.1226, 34.3442
Hunter-Lab	75.3329, -3.3947, 40.5385

# Details

The Hex color **E8C34F** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **4F74E8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFB85**, and **AD8E13** is the 20% darker color. If you saturate the color by 10%, you get **E8BD38**, and if you desaturate by 10%, it is **E8C966**.

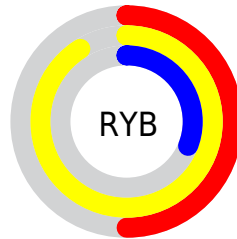
# Distribution



Red (91%)

Green (76%)

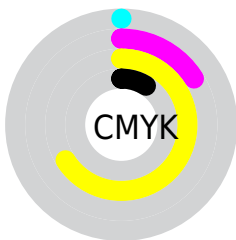
Blue (31%)



Red (50%)

Yellow (91%)

Blue (31%)

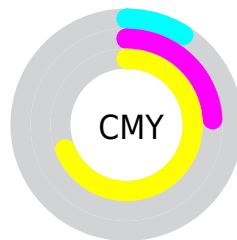


Cyan (0%)

Magenta (16%)

Yellow (66%)

Black (9%)



Cyan (9%)

Magenta (24%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8C34F 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 E8C34F by changing the saturation by 10% instead.



 E8C34F

FFFFFF

 FFFB85

 FFFFA1

 FFFFBD

 FFFFD9

 FFFFF6

 E8C34F

 CAA834

 AD8E13

 907400

 745C00

 584500

 3E2F00

 251A00

 020000

 000000

 E8C34F

 E8C34F

 E8BD38

 E8C966

 E8B821

 E8CE7D

 E8B209

 E8D495

 E8B000

 E8D9AC

 E8DFC3

 E8E5DA

 E8EAF1

 E8F0FF

 E8F5FF

# Harmonies

## Analogous

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



FFAE65



E8C34F



AFD45E

# Triad

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



E8C34F



00E2FD



FFA2FF

# Complementary

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



E8C34F



4F74E8

# 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.



C7B8FF



E8C34F



00DBFF

# Square

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



E8C34F



00E3C3



4ECDFE



FF95CA

# Rectangle

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



E8C34F



80DB79



4ECDFF



F9A9FF



# Sweetspot

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



E8C34F



FFF3CC



E84F75



807861



000000



808080



# Same Dimension

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



E8C34F



FFCE36



C2E84F



737067



B38700



332700



# Inverse Universe

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



4F74E8



3666FF



754FE8



676A73



002BB3



000C33



# Previews

## White Background



This preview shows how the Hex color E8C34F looks on a white background.

## Color Contrast Check

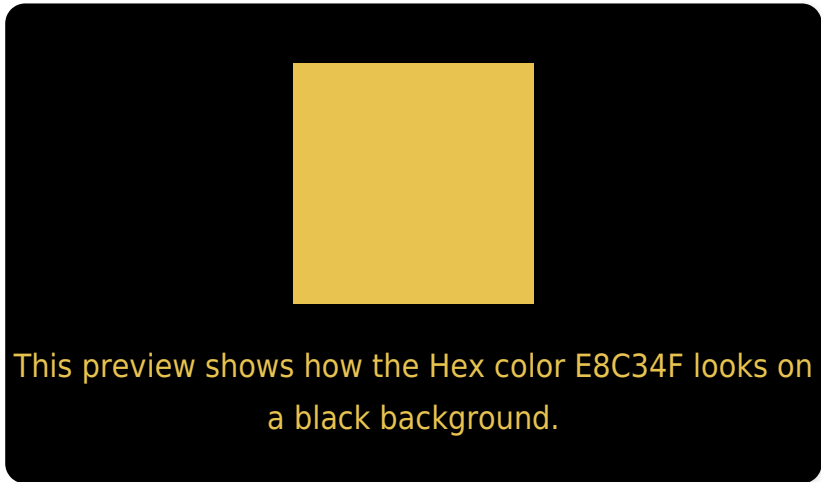
Large Text (above 18pt) WCAG AA × Fail

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 E8C34F Background



This preview shows how black text looks on a background with the Hex color E8C34F.

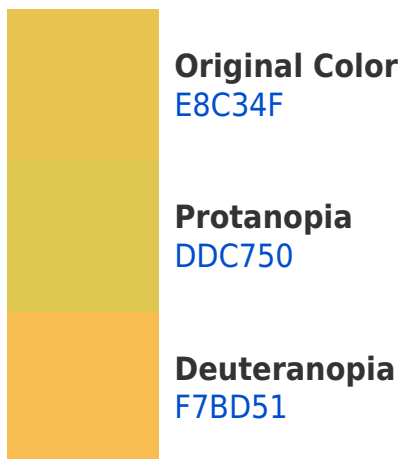


This preview shows how white text looks on a background with the Hex color E8C34F.

# 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](#).

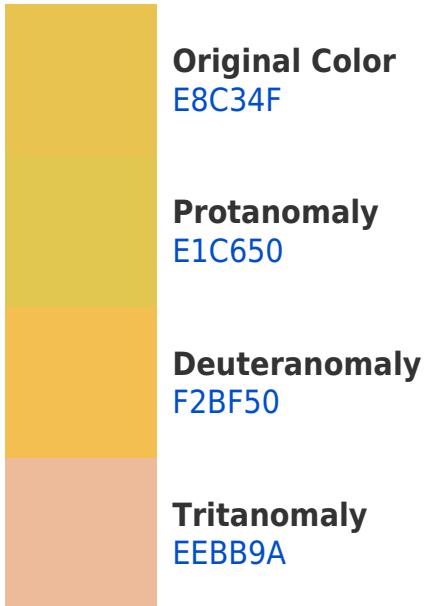
## Dichromacy



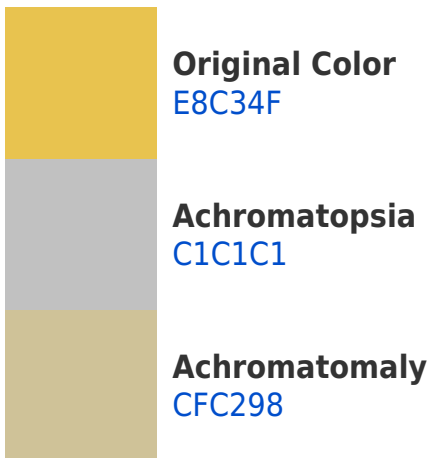


**Tritanopia**  
F1B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8C34F 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 #E8C34F looks like.

```
.text, #text, p{  
    color:#E8C34F  
}
```

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 #E8C34F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8C34F
}
```

## Border

The CSS property to change the border of an element to Hex E8C34F 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
#E8C34F }
```

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

```
.border{ border-color:#E8C34F }
```

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

Here you see how a box with a 4 pixel #E8C34F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8C34F; -webkit-box-shadow:4px 4px  
4px 4px #E8C34F; box-shadow:4px 4px 4px  
4px #E8C34F }
```

# Background

The CSS property to change the background color of an element to Hex E8C34F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8C34F }
```

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

```
.background{ background-color:#E8C34F }
```

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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