

# Converting Colors

Hex(EFC45B)

Have a look what the booklet for  
Hex(EFC45B) contains.

<b>Hex(EFC45B)</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(EFC45B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFC45B
RGB	239, 196, 91
RGB Percent	94%, 77%, 36%
CMY	0.0627, 0.2314, 0.6431
CMYK	0.00, 0.18, 0.62, 0.06
HSL	43°, 82%, 65%
HSV	43°, 62%, 94%
XYZ	57.2249, 58.5859, 18.1897
YIQ	196.8870, 59.3330, -23.5390

# Conversions

## Conversions Part 2

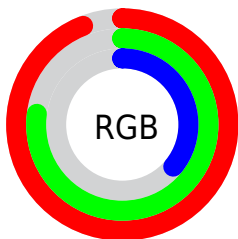
Format	Color
<a href="#">RYB</a>	<a href="#">152, 239, 91</a>
Decimal	<a href="#">15713371</a>
CIELab	<a href="#">81.06, 3.82, 57.20</a>
CIELCh	<a href="#">81, 57.328, 86.176</a>
Yxy	<a href="#">58.5859, 0.4270, 0.4372</a>
Android (android.graphics.Color)	<a href="#">4293903451 (0xFFEFC45B)</a>
YUV	<a href="#">196.8870, -52.2023, 36.9331</a>
Hunter-Lab	<a href="#">76.5414, -0.4951, 39.4890</a>

# Details

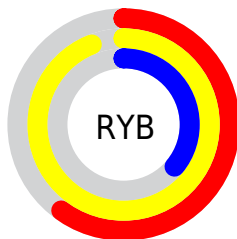
The Hex color **EFC45B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5B86EF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFC91**, and **B48F25** is the 20% darker color. If you saturate the color by 10%, you get **EFBD43**, and if you desaturate by 10%, it is **EFCB73**.

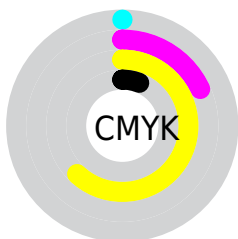
# Distribution



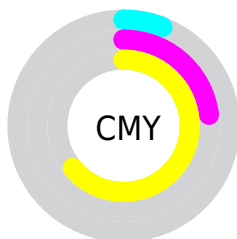
- Red (94%)
- Green (77%)
- Blue (36%)



- Red (60%)
- Yellow (94%)
- Blue (36%)



- Cyan (0%)
- Magenta (18%)
- Yellow (62%)
- Black (6%)



- Cyan (6%)
- Magenta (23%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFC45B 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 EFC45B by changing the saturation by 10% instead.



 EFC45B

 EFC45B

FFFFFF

 D1A941

 FFFC91

 B48F25

 FFFFAC

 977500

 FFFFC8

 7A5D00

 FFFF E5

 5F4500

 442F00

 2A1B00

 0F0100

 000000

 EFC45B

 EFC45B

 EFBD43

 EFCB73

 EFB62B

 EFD28B

 EFAF13

 EFD9A3

 EFAA00

 EFE0BB

 EFE7D3

 EFEEEE

 EFF5FF

 EFFCFF

 EFFFFFF

# Harmonies

## Analogous

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



FFB071



EFC45B



BAD465

# Triad

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



EFC45B



00E4F7



FFA9FF

# Complementary

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



EFC45B



5B86EF

# 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.



C2BEFF



EFC45B



00DEFF

# Square

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



EFC45B



00E4C0



53D1FF



FF9DD2

# Rectangle

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



EFC45B



90DC7C



53D1FF



F2B0FF



# Sweetspot

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



EFC45B



FFF1CF



EF5B87



807762



000000



808080



# Same Dimension

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



EFC45B



FFC842



D1EF5B



78746C



B88200



382800



# Inverse Universe

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



5B86EF



4279FF



795BEF



6C6F78



0035B8



001038



# Previews

## White Background



This preview shows how the Hex color EFC45B looks on a white background.

## Color Contrast Check

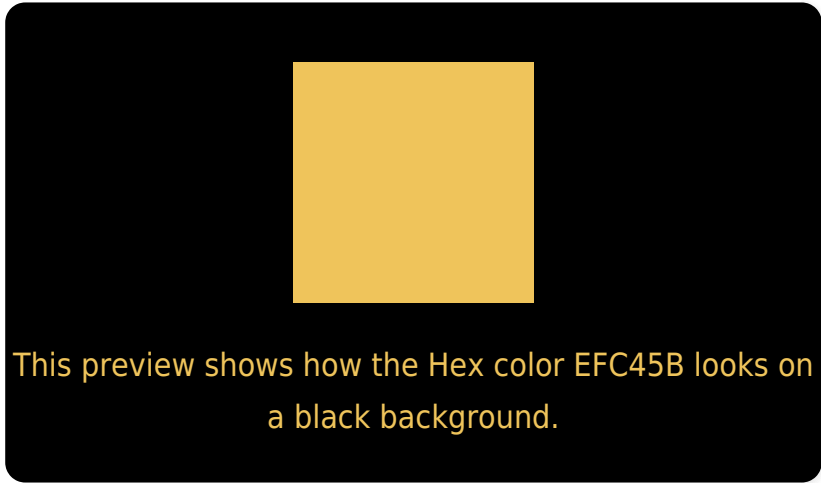
Large Text (above 18pt) WCAG AA × Fail

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 EFC45B Background



This preview shows how black text looks on a background with the Hex color EFC45B.



This preview shows how white text looks on a background with the Hex color EFC45B.

# 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**  
EFC45B

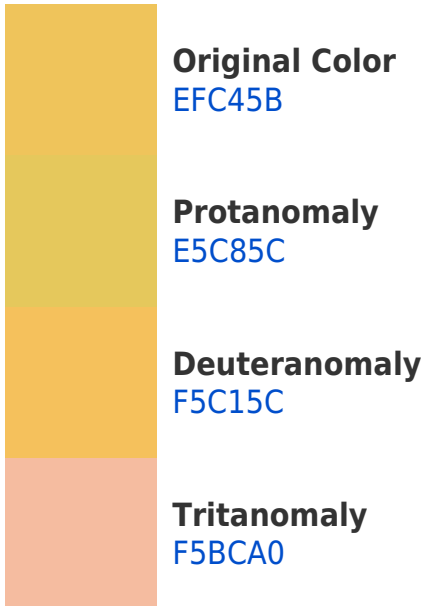
**Protanopia**  
E0CA5D

**Deuteranopia**  
F9C05C

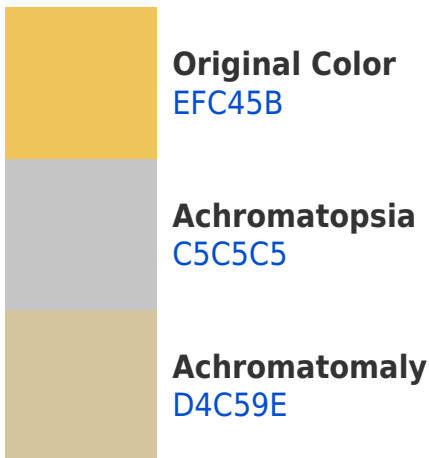


**Tritanopia**  
F8B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFC45B 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 #EFC45B looks like.

```
.text, #text, p{  
    color:#EFC45B  
}
```

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 #EFC45B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFC45B
}
```

## Border

The CSS property to change the border of an element to Hex EFC45B 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
#EFC45B }
```

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

```
.border{ border-color:#EFC45B }
```

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

Here you see how a box with a 4 pixel #EFC45B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFC45B; -webkit-box-shadow:4px 4px  
4px 4px #EFC45B; box-shadow:4px 4px 4px  
4px #EFC45B }
```

# Background

The CSS property to change the background color of an element to Hex EFC45B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFC45B }
```

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

```
.background{ background-color:#EFC45B }
```

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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