

# Converting Colors

Hex(EFC52D)

Have a look what the booklet for  
Hex(EFC52D) contains.

<b>Hex(EFC52D)</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(EFC52D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFC52D
RGB	239, 197, 45
RGB Percent	94%, 77%, 18%
CMY	0.0627, 0.2275, 0.8235
CMYK	0.00, 0.18, 0.81, 0.06
HSL	47°, 86%, 56%
HSV	47°, 81%, 94%
XYZ	56.0365, 58.4727, 10.8155
YIQ	192.2300, 73.8240, -38.3680

# Conversions

## Conversions Part 2

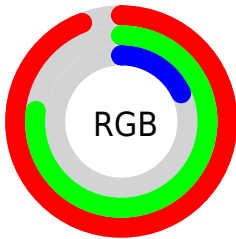
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 239, 45
Decimal	15713581
CIE Lab	81.00, 1.15, 74.62
CIE LCh	81, 74.627, 89.117
Yxy	58.4727, 0.4471, 0.4666
Android (android.graphics.Color)	4293903661 (0xFFEFC52D)
YUV	192.2300, -72.5844, 41.0173
Hunter-Lab	76.4674, -3.0105, 45.1412

# Details

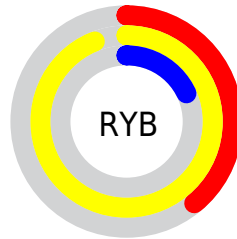
The Hex color **EFC52D** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **2D57EF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFD69**, and **B29000** is the 20% darker color. If you saturate the color by 10%, you get **EFC015**, and if you desaturate by 10%, it is **EFCA45**.

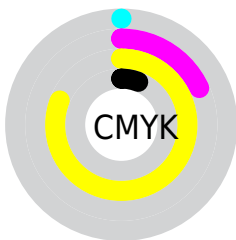
# Distribution



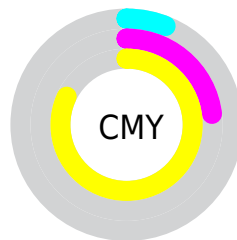
- Red (94%)
- Green (77%)
- Blue (18%)



- Red (39%)
- Yellow (94%)
- Blue (18%)



- Cyan (0%)
- Magenta (18%)
- Yellow (81%)
- Black (6%)



- Cyan (6%)
- Magenta (23%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFC52D 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 EFC52D by changing the saturation by 10% instead.



 EFC52D

 EFC52D

FFFFFF

 D0AA00

 FFFD69

 B29000

 FFFF85

 957600

 FFFFA1

 785E00

 FFFFBE

 5C4700

 FFFFDB

 413100

 FFFFF9

 271C00

 090300

 000000

 EFC52D

 EFC52D

 EFC015

 EFCA45

 EFBB00

 EFCF5D

 EFD575

 EFDA8D

 EFDFA4

 EFE4BC

 EFE9D4

 EFEEEC

 EFF4FF

# Harmonies

## Analogous

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



FFAA4F



EFC52D



AAD944

# Triad

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



EFC52D



00EAFB



FF99FF

# Complementary

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



EFC52D



2D57EF

# 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.



C5B8FF



EFC52D



00E2FF

# Square

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



EFC52D



00EAC5



00D2FF



FF87CE

# Rectangle

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



EFC52D



6DE268



00D2FF



FFA3FF



# Sweetspot

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



EFC52D



FFF2C2



EF2D57



80775B



000000



808080



# Same Dimension

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



EFC52D



FFC908



B8EF2D



78756C



B89000



382C00



# Inverse Universe

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



2D57EF



083DFF



642DEF



6C6E78



0028B8



000C38



# Previews

## White Background



This preview shows how the Hex color EFC52D looks on a white background.

## Color Contrast Check

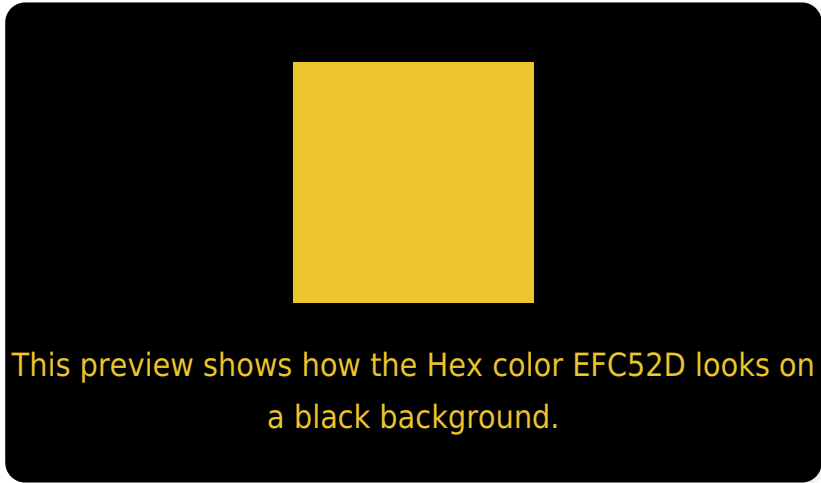
Large Text (above 18pt) WCAG AA × Fail

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 EFC52D Background



This preview shows how black text looks on a background with the Hex color EFC52D.



This preview shows how white text looks on a background with the Hex color EFC52D.

# 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**  
EFC52D

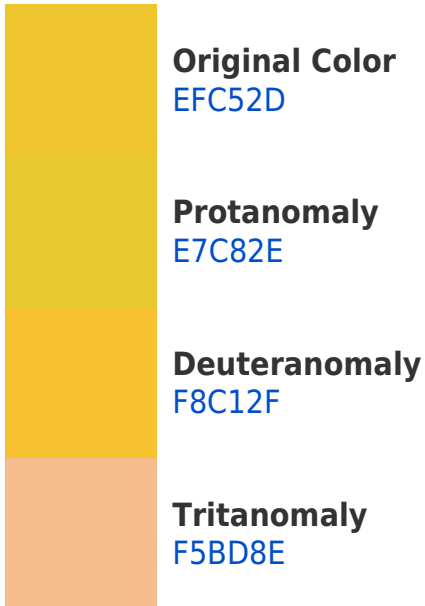
**Protanopia**  
E2CA2E

**Deuteranopia**  
FDBF30

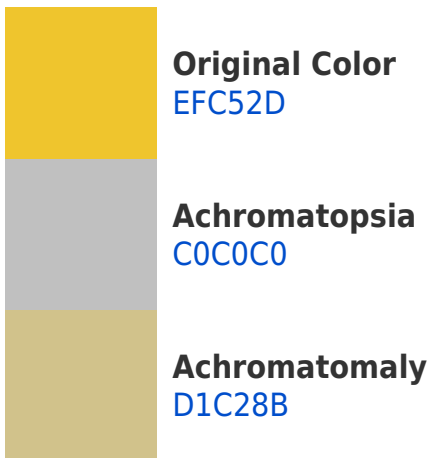


**Tritanopia**  
F9B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFC52D 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 #EFC52D looks like.

```
.text, #text, p{  
    color:#EFC52D  
}
```

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 #EFC52D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFC52D
}
```

## Border

The CSS property to change the border of an element to Hex EFC52D 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
#EFC52D }
```

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

```
.border{ border-color:#EFC52D }
```

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

Here you see how a box with a 4 pixel #EFC52D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFC52D; -webkit-box-shadow:4px 4px  
4px 4px #EFC52D; box-shadow:4px 4px 4px  
4px #EFC52D }
```

# Background

The CSS property to change the background color of an element to Hex EFC52D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFC52D }
```

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

```
.background{ background-color:#EFC52D }
```

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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