

# Converting Colors

Hex(EFC674)

Have a look what the booklet for  
Hex(EFC674) contains.

<b>Hex(EFC674)</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(EFC674)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFC674
RGB	239, 198, 116
RGB Percent	94%, 78%, 45%
CMY	0.0627, 0.2235, 0.5451
CMYK	0.00, 0.17, 0.51, 0.06
HSL	40°, 79%, 70%
HSV	40°, 51%, 94%
XYZ	58.9431, 59.9998, 24.9975
YIQ	200.9110, 50.7580, -16.8100

# Conversions

## Conversions Part 2

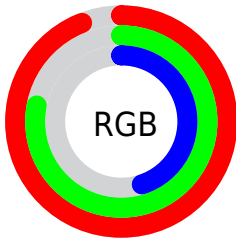
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 239, 116
Decimal	15713908
CIELab	81.84, 4.67, 46.22
CIELCh	82, 46.457, 84.233
Yxy	59.9998, 0.4095, 0.4168
Android (android.graphics.Color)	4293903988 (0xFFEFC674)
YUV	200.9110, -41.8611, 33.4041
Hunter-Lab	77.4596, 0.2758, 35.0878

# Details

The Hex color **EFC674** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **749DEF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFA9**, and **B59041** is the 20% darker color. If you saturate the color by 10%, you get **EFBE5C**, and if you desaturate by 10%, it is **EFCE8C**.

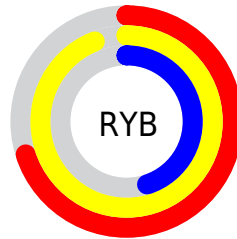
# Distribution



Red (94%)

Green (78%)

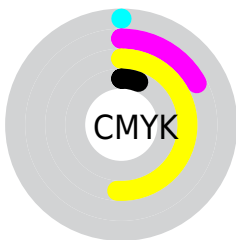
Blue (45%)



Red (70%)

Yellow (94%)

Blue (45%)

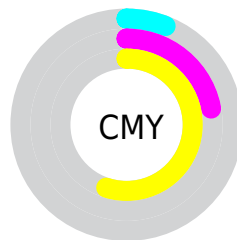


Cyan (0%)

Magenta (17%)

Yellow (51%)

Black (6%)



Cyan (6%)

Magenta (22%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EFC674 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 EFC674 by changing the saturation by 10% instead.



 EFC674

 EFC674

FFFFFF

 D1AB5A

 FFFFA9

 B59041

 FFFFC5

 987728

 FFFFE2

 7C5E0C

 614700

 473100

 2D1C00

 140300

 000000

 EFC674

 EFC674

 EFBE5C

 EFCE8C

 EFB644

 EFD6A4

 EFAE2C

 EFDEBC

 EFA614

 EFE6D4

 EF9F00

 EFEEEE

 EFF6FF

 EF FEFF

 EFFFFF

# Harmonies

## Analogous

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



FFB786



EFC674



C4D47A

# Triad

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



EFC674



00E2EE



FAB3FF

# Complementary

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



EFC674



749DEF

# 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.



C4C3FF



EFC674



00DDFF

# Square

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



EFC674



51E2C1



79D2FF



FFAAD6

# Rectangle

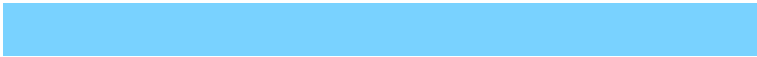
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EFC674



A2DB8B



79D2FF



EAB8FF



# Sweetspot

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



EFC674



FFF2D9



EF749D



807869



000000



808080



# Same Dimension

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



EFC674



FFCA61



DBEF74



78746C



B87A00



382500



# Inverse Universe

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



749DEF



6196FF



8874EF



6C7078



003DB8



001338



# Previews

## White Background



This preview shows how the Hex color EFC674 looks on a white background.

## Color Contrast Check

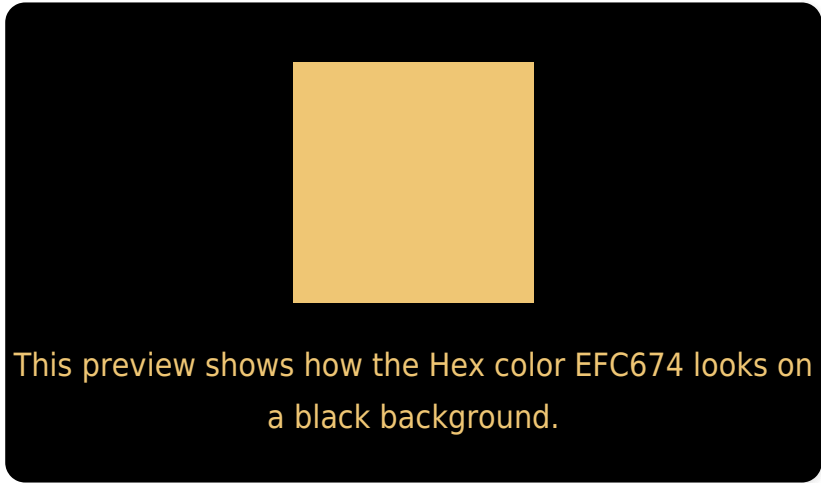
Large Text (above 18pt) WCAG AA × Fail

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 EFC674 Background



This preview shows how black text looks on a background with the Hex color EFC674.

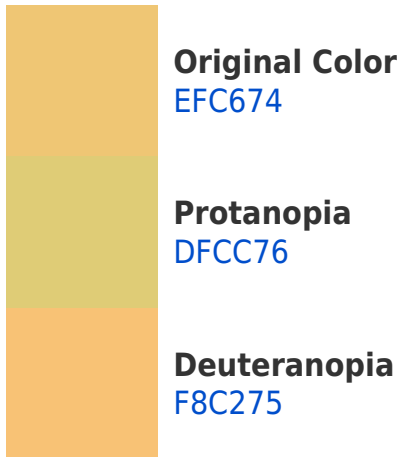


This preview shows how white text looks on a background with the Hex color EFC674.

# 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](#).

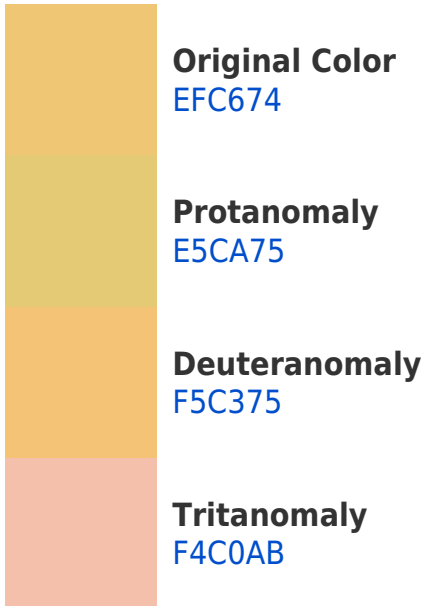
## Dichromacy



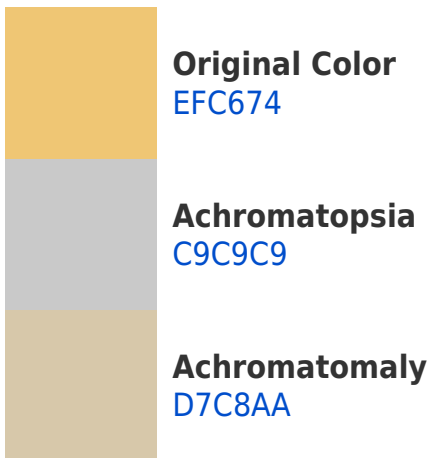


**Tritanopia**  
F7BCCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EFC674 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 #EFC674 looks like.

```
.text, #text, p{  
    color:#EFC674  
}
```

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 #EFC674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EFC674  
}
```

## Border

The CSS property to change the border of an element to Hex EFC674 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  
#EFC674 }
```

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

```
.border{ border-color:#EFC674 }
```

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

Here you see how a box with a 4 pixel #EFC674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EFC674; -webkit-box-shadow:4px 4px  
4px 4px #EFC674; box-shadow:4px 4px 4px  
4px #EFC674 }
```

# Background

The CSS property to change the background color of an element to Hex EFC674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EFC674 }
```

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

```
.background{ background-color:#EFC674 }
```

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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