

# Converting Colors

Hex(E3C44F)

Have a look what the booklet for  
Hex(E3C44F) contains.

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# Color

Hex(E3C44F)

# Conversions

## Conversions Part 1

Format	Color
Hex	E3C44F
RGB	227, 196, 79
RGB Percent	89%, 77%, 31%
CMY	0.1098, 0.2314, 0.6902
CMYK	0.00, 0.14, 0.65, 0.11
HSL	47°, 73%, 60%
HSV	47°, 65%, 89%
XYZ	52.8298, 56.3753, 15.4942
YIQ	191.9310, 56.0330, -29.8150

# Conversions

## Conversions Part 2

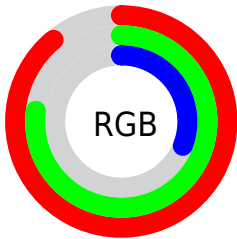
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 227, 79
Decimal	14926927
CIELab	79.83, -1.94, 60.80
CIELCh	80, 60.834, 91.832
Yxy	56.3753, 0.4237, 0.4521
Android (android.graphics.Color)	4293117007 (0xFFE3C44F)
YUV	191.9310, -55.6750, 30.7555
Hunter-Lab	75.0835, -5.8010, 40.3233

# Details

The Hex color **E3C44F** 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 **4F6EE3**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFC85**, and **A88F13** is the 20% darker color. If you saturate the color by 10%, you get **E3BF38**, and if you desaturate by 10%, it is **E3C966**.

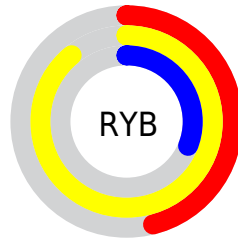
# Distribution



Red (89%)

Green (77%)

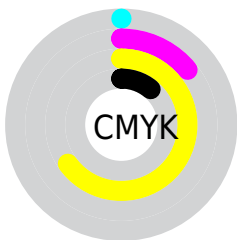
Blue (31%)



Red (46%)

Yellow (89%)

Blue (31%)

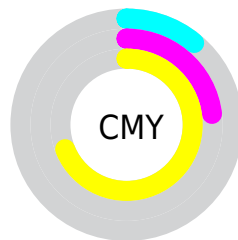


Cyan (0%)

Magenta (14%)

Yellow (65%)

Black (11%)



Cyan (11%)

Magenta (23%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3C44F 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 E3C44F by changing the saturation by 10% instead.



 E3C44F

 E3C44F

FFFFFF

 C5A934

 FFFC85

 A88F13

 FFFFA1

 8C7500

 FFFFBD

 705D00

 FFFFD9

 544600

 FFFFF6

 3A3000

 211B00

 000000

 E3C44F

 E3C44F

 E3BF38

 E3C966

 E3BA22

 E3CE7C

 E3B60B

 E3D293

 E3B300

 E3D7AA

 E3DCC1

 E3E1D7

 E3E5EE

 E3EAFF

 E3EFFF

# Harmonies

## Analogous

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



FFAF62



E3C44F



A9D461

# Triad

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



E3C44F



00E1FF



FFA0FC

# Complementary

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



E3C44F



4F6EE3

# 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.



CEB6FF



E3C44F



00DAFF

# Square

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



E3C44F



00E2C8



5ECBFF



FF94C5

# Rectangle

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



E3C44F



79DB7D



5ECBFF



FDA6FF



# Sweetspot

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



E3C44F



FFF4CC



E34F6F



807961



000000



808080



# Same Dimension

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



E3C44F



FFD538



B9E34F



737067



B38D00



332800



# Inverse Universe

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



4F6EE3



3862FF



794FE3



676A73



0025B3



000B33



# Previews

## White Background



This preview shows how the Hex color E3C44F looks on a white background.

## Color Contrast Check

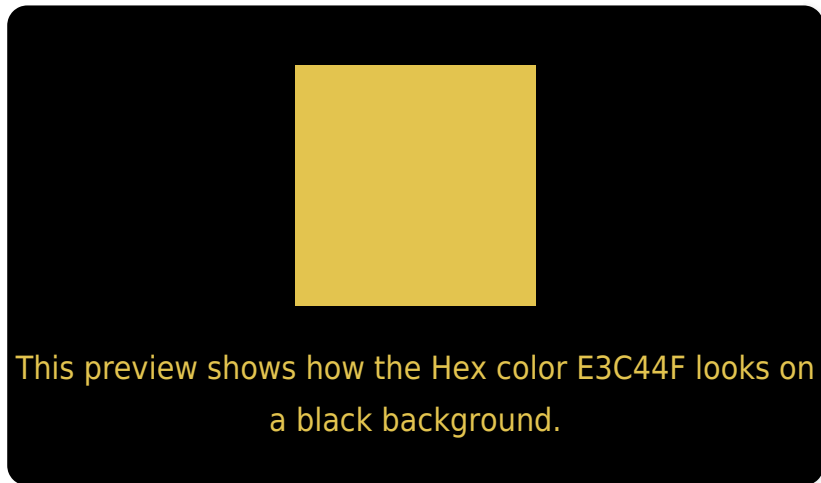
Large Text (above 18pt) WCAG AA × Fail

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 E3C44F Background



This preview shows how black text looks on a background with the Hex color E3C44F.

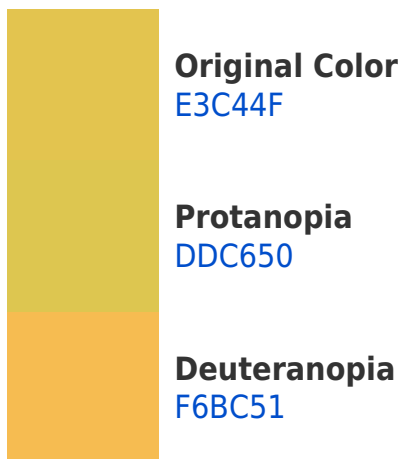


This preview shows how white text looks on a background with the Hex color E3C44F.

# 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](#).

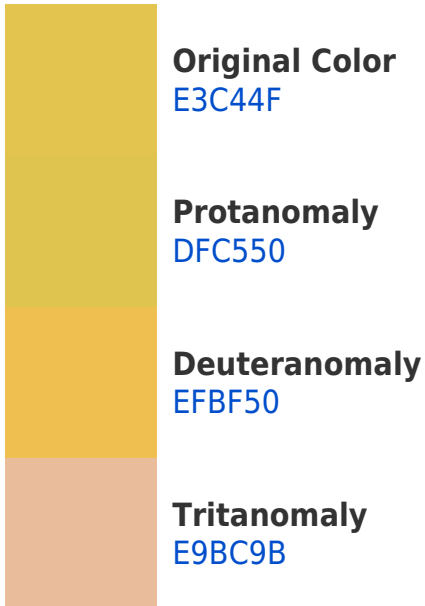
## Dichromacy



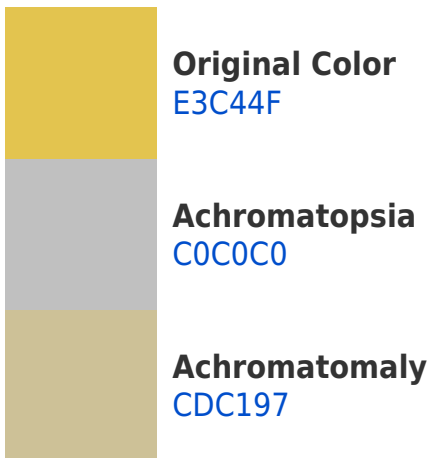


**Tritanopia**  
EDB8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3C44F 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 #E3C44F looks like.

```
.text, #text, p{  
    color:#E3C44F  
}
```

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 #E3C44F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3C44F
}
```

## Border

The CSS property to change the border of an element to Hex E3C44F 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
#E3C44F }
```

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

```
.border{ border-color:#E3C44F }
```

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

Here you see how a box with a 4 pixel #E3C44F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3C44F; -webkit-box-shadow:4px 4px  
4px 4px #E3C44F; box-shadow:4px 4px 4px  
4px #E3C44F }
```

# Background

The CSS property to change the background color of an element to Hex E3C44F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3C44F }
```

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

```
.background{ background-color:#E3C44F }
```

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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