

# Converting Colors

Hex(E2AA3F)

Have a look what the booklet for  
Hex(E2AA3F) contains.

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# **Color**

**Hex(E2AA3F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2AA3F
RGB	226, 170, 63
RGB Percent	89%, 67%, 25%
CMY	0.1137, 0.3333, 0.7529
CMYK	0.00, 0.25, 0.72, 0.11
HSL	39°, 74%, 57%
HSV	39°, 72%, 89%
XYZ	46.6360, 45.2771, 10.9840
YIQ	174.5460, 67.7230, -21.4050

# Conversions

## Conversions Part 2

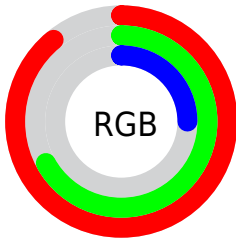
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 226, 63
Decimal	14854719
CIELab	73.07, 10.42, 60.47
CIELCh	73, 61.365, 80.219
Yxy	45.2771, 0.4532, 0.4400
Android (android.graphics.Color)	4293044799 (0xFFE2AA3F)
YUV	174.5460, -54.9922, 45.1252
Hunter-Lab	67.2882, 5.9599, 37.4234

# Details

The Hex color **E2AA3F** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **3F77E2**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE174**, and **A67600** is the 20% darker color. If you saturate the color by 10%, you get **E2A228**, and if you desaturate by 10%, it is **E2B256**.

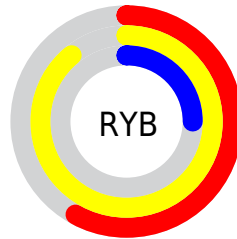
# Distribution



Red (89%)

Green (67%)

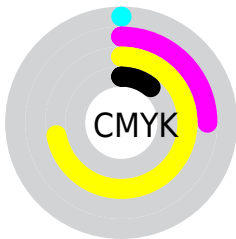
Blue (25%)



Red (58%)

Yellow (89%)

Blue (25%)

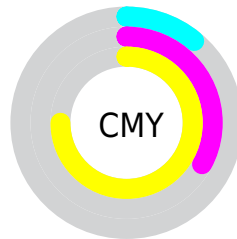


Cyan (0%)

Magenta (25%)

Yellow (72%)

Black (11%)



Cyan (11%)

Magenta (33%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2AA3F 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 E2AA3F by changing the saturation by 10% instead.



 E2AA3F

 E2AA3F

FFFFFF

 C49023

 FFE174

 A67600


 FFFE90

 895E00

 FFFFAB

 6D4600

 FFFFC7

 513000

 FFFF E4

 361B00

 1F0300

 000000

 E2AA3F

 E2AA3F

 E2A228

 E2B256

 E29A12

 E2BA6C

 E29400

 E2C183

 E2C999

 E2D1B0

 E2D9C7

 E2E0DD

 E2E8F4

 E2F0FF

# Harmonies

## Analogous

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



FF945E



E2AA3F



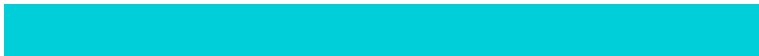
ADBC42

# Triad

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



E2AA3F



00CFD9



E695FC

# Complementary

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



E2AA3F



3F77E2

# 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.



96ACFF



E2AA3F



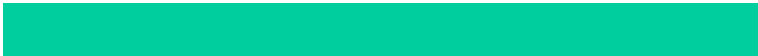
00CAFF

# Square

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



E2AA3F



00CE9E



00BFFF



FF83C8

# Rectangle

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



E2AA3F



83C559



00BFFF



D09DFF

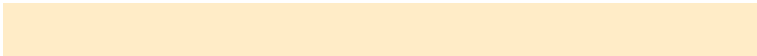


# Sweetspot

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



E2AA3F



FFECC7



E23F78



80745E



000000



808080



# Same Dimension

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



E2AA3F



FFB321



CAE23F



706C65



B07400



302000



# Inverse Universe

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



3F77E2



216DFF



573FE2



656970



003CB0



001130



# Previews

## White Background



This preview shows how the Hex color E2AA3F looks on a white background.

## Color Contrast Check

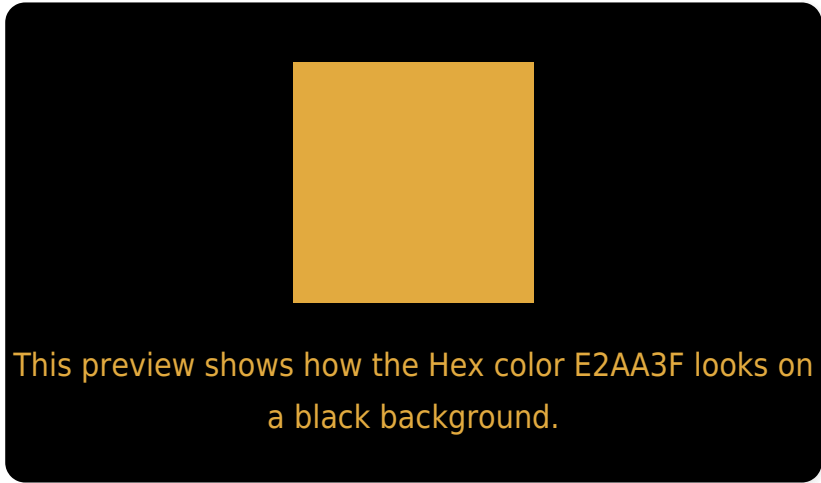
Large Text (above 18pt) WCAG AA × Fail

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 E2AA3F Background



This preview shows how black text looks on a background with the Hex color E2AA3F.



This preview shows how white text looks on a background with the Hex color E2AA3F.

# 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



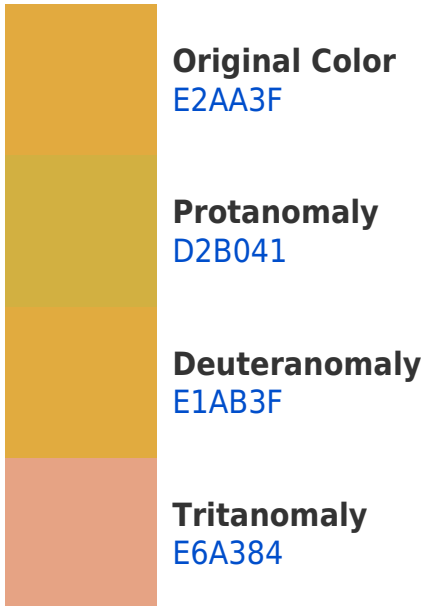
**Original Color**  
E2AA3F

**Protanopia**  
C9B442

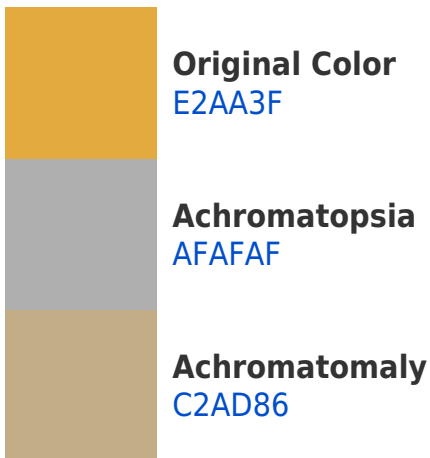
**Deuteranopia**  
E0AB3F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2AA3F 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 #E2AA3F looks like.

```
.text, #text, p{  
    color:#E2AA3F  
}
```

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 #E2AA3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2AA3F
}
```

## Border

The CSS property to change the border of an element to Hex E2AA3F 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
#E2AA3F }
```

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

```
.border{ border-color:#E2AA3F }
```

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

Here you see how a box with a 4 pixel #E2AA3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2AA3F; -webkit-box-shadow:4px 4px  
4px 4px #E2AA3F; box-shadow:4px 4px 4px  
4px #E2AA3F }
```

# Background

The CSS property to change the background color of an element to Hex E2AA3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2AA3F }
```

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

```
.background{ background-color:#E2AA3F }
```

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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