

# Converting Colors

Hex(E7A439)

Have a look what the booklet for  
Hex(E7A439) contains.

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# **Color**

**Hex(E7A439)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7A439
RGB	231, 164, 57
RGB Percent	91%, 64%, 22%
CMY	0.0941, 0.3569, 0.7765
CMYK	0.00, 0.29, 0.75, 0.09
HSL	37°, 78%, 56%
HSV	37°, 75%, 91%
XYZ	46.9690, 43.8353, 9.8564
YIQ	171.8350, 74.2790, -19.0730

# Conversions

## Conversions Part 2

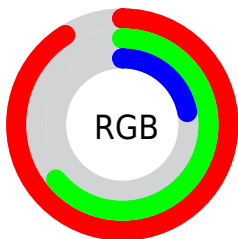
Format	Color
<a href="#">RYB</a>	<a href="#">166, 231, 57</a>
Decimal	<a href="#">15180857</a>
<a href="#">CIELab</a>	<a href="#">72.12, 15.48, 62.13</a>
<a href="#">CIELCh</a>	<a href="#">72, 64.026, 76.008</a>
<a href="#">Yxy</a>	<a href="#">43.8353, 0.4666, 0.4355</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293370937 (0xFFE7A439)</a>
<a href="#">YUV</a>	<a href="#">171.8350, -56.6137, 51.8877</a>
<a href="#">Hunter-Lab</a>	<a href="#">66.2082, 10.7659, 37.5192</a>

# Details

The Hex color **E7A439** 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 **397CE7**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFDB6F**, and **AB7000** is the 20% darker color. If you saturate the color by 10%, you get **E79B22**, and if you desaturate by 10%, it is **E7AD50**.

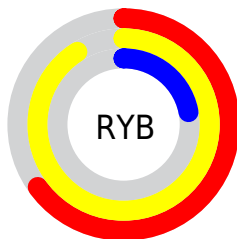
# Distribution



Red (91%)

Green (64%)

Blue (22%)



Red (65%)

Yellow (91%)

Blue (22%)

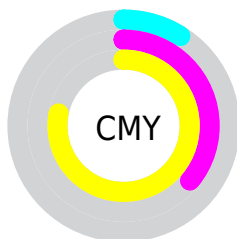


Cyan (0%)

Magenta (29%)

Yellow (75%)

Black (9%)



Cyan (9%)

Magenta (36%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7A439 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 E7A439 by changing the saturation by 10% instead.



 E7A439

 E7A439

FFFFFF

 C98A1B

 FFDB6F

 AB7000

 FFF78A

 8D5800

 FFFFA5

 704100

 FFFFC2

 542B00

 FFFFDE

 391600

 FFFFFB

 220000

 000000

 E7A439

 E7A439

 E79B22

 E7AD50

 E7920B

 E7B667

 E78E00

 E7BF7E

 E7C895

 E7D0AC

 E7D9C4

 E7E2DB

 E7EBF2

 E7F4FF

# Harmonies

## Analogous

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



FF8D5F



E7A439



B2B836

# Triad

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



E7A439



00CDCF



DC94FF

# Complementary

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



E7A439



397CE7

# 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.



7FACFF



E7A439



00CAFF

# Square

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



E7A439



00CB93



00BFFF



FF7FCF

# Rectangle

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



E7A439



88C14C



00BFFF



C39CFF



# Sweetspot

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



E7A439



FFE8C4



E7397F



80725C



000000



808080



# Same Dimension

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



E7A439



FFA719



D6E739



736E67



B36E00



331F00



# Inverse Universe

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



397CE7



1972FF



4A39E7



676C73



0045B3



001433



# Previews

## White Background



This preview shows how the Hex color E7A439 looks on a white background.

## Color Contrast Check

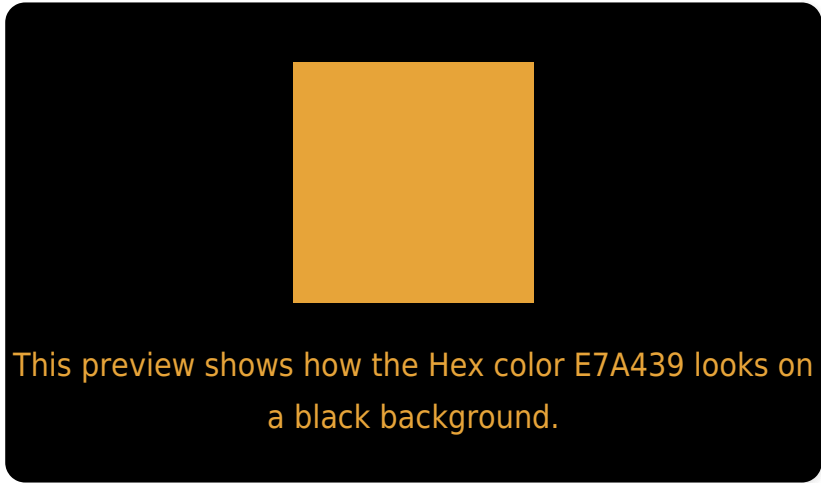
Large Text (above 18pt) WCAG AA × Fail

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 E7A439 Background



This preview shows how black text looks on a background with the Hex color E7A439.



This preview shows how white text looks on a background with the Hex color E7A439.

# 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**  
E7A439

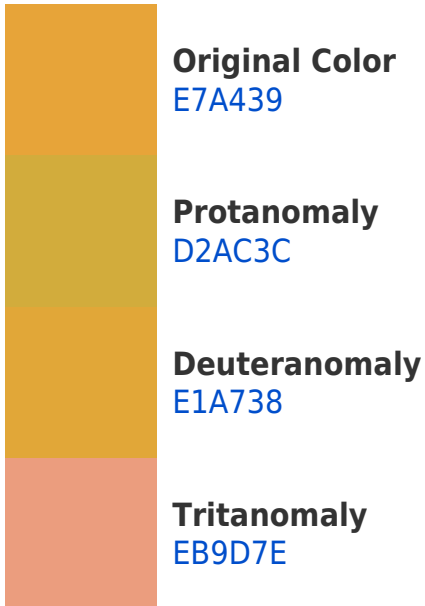
**Protanopia**  
C6B13D

**Deuteranopia**  
DEA838

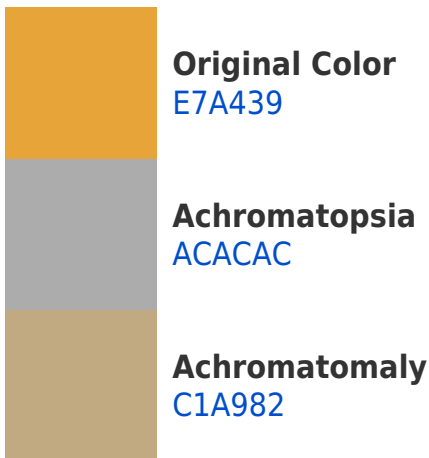


**Tritanopia**  
EE99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7A439 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 #E7A439 looks like.

```
.text, #text, p{  
    color:#E7A439  
}
```

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 #E7A439 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7A439
}
```

## Border

The CSS property to change the border of an element to Hex E7A439 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
#E7A439 }
```

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

```
.border{ border-color:#E7A439 }
```

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

Here you see how a box with a 4 pixel #E7A439 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7A439; -webkit-box-shadow:4px 4px  
4px 4px #E7A439; box-shadow:4px 4px 4px  
4px #E7A439 }
```

# Background

The CSS property to change the background color of an element to Hex E7A439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7A439 }
```

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

```
.background{ background-color:#E7A439 }
```

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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