

# Converting Colors

Hex(E7A956)

Have a look what the booklet for  
Hex(E7A956) contains.

<b>Hex(E7A956)</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(E7A956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7A956
RGB	231, 169, 86
RGB Percent	91%, 66%, 34%
CMY	0.0941, 0.3373, 0.6627
CMYK	0.00, 0.27, 0.63, 0.09
HSL	34°, 75%, 62%
HSV	34°, 63%, 91%
XYZ	48.8227, 46.0367, 15.1168
YIQ	178.0760, 63.5950, -12.6690

# Conversions

## Conversions Part 2

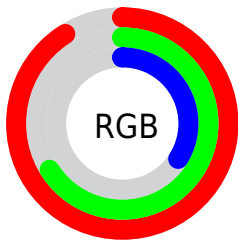
Format	Color
<a href="#">RYB</a>	<a href="#">194, 231, 86</a>
Decimal	<a href="#">15182166</a>
CIELab	<a href="#">73.57, 14.36, 50.87</a>
CIELCh	<a href="#">74, 52.857, 74.237</a>
Yxy	<a href="#">46.0367, 0.4439, 0.4186</a>
Android (android.graphics.Color)	<a href="#">4293372246</a> ( <a href="#">0xFFE7A956</a> )
YUV	<a href="#">178.0760, -45.3935, 46.4143</a>
Hunter-Lab	<a href="#">67.8504, 9.7040, 34.2856</a>

# Details

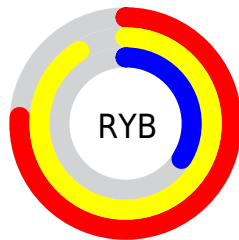
The Hex color **E7A956** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5694E7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE08A**, and **AC7523** is the 20% darker color. If you saturate the color by 10%, you get **E79F3F**, and if you desaturate by 10%, it is **E7B36D**.

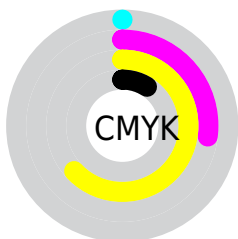
# Distribution



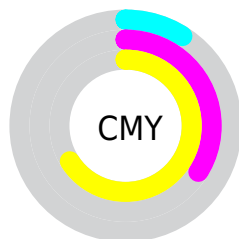
- Red (91%)
- Green (66%)
- Blue (34%)



- Red (76%)
- Yellow (91%)
- Blue (34%)



- Cyan (0%)
- Magenta (27%)
- Yellow (63%)
- Black (9%)



- Cyan (9%)
- Magenta (34%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7A956 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 E7A956 by changing the saturation by 10% instead.



 E7A956

 E7A956

FFFFFF

 C98F3D

 FFE08A

 AC7523

 FFFDA5

 8F5C03

 FFFFC1

 724500

 FFFFDE

 572F00

 FFFFFA

 3C1A00

 240100

 000000

 E7A956

 E7A956

 E79F3F

 E7B36D

 E79528

 E7BD84

 E78B11

 E7C79B

 E78400

 E7D1B2

 E7DACA

 E7E4E1

 E7EEF8

 E7F8FF

 E7FFFF

# Harmonies

## Analogous

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



FF9773



E7A956



BBB953

# Triad

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



E7A956



00CDCB



D69FFB

# Complementary

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



E7A956



5694E7

# 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.



8DB2FF



E7A956



00CAF7

# Square

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



E7A956



34CC99



00C1FF



FF8FD0

# Rectangle

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



E7A956



98C261



00C1FF



C1A5FF

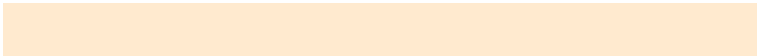


# Sweetspot

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



E7A956



FFEACF



E75695



807362



000000



808080



# Same Dimension

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



E7A956



FFAD40



DDE756



736E67



B36600



331D00



# Inverse Universe

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



5694E7



4092FF



6056E7



676C73



004CB3



001633



# Previews

## White Background



This preview shows how the Hex color E7A956 looks on a white background.

## Color Contrast Check

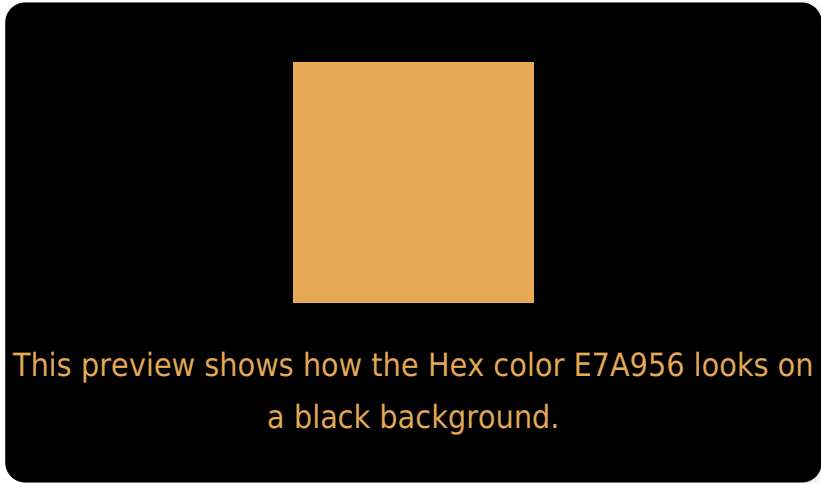
Large Text (above 18pt) WCAG AA × Fail

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 E7A956 Background



This preview shows how black text looks on a background with the Hex color E7A956.

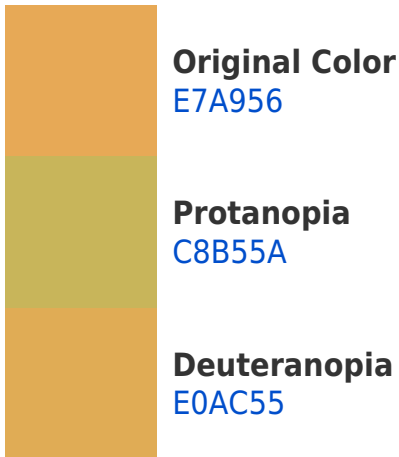


This preview shows how white text looks on a background with the Hex color E7A956.

# 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](#).

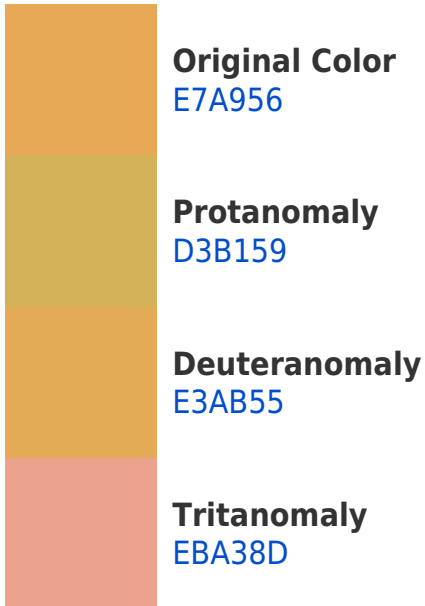
## Dichromacy



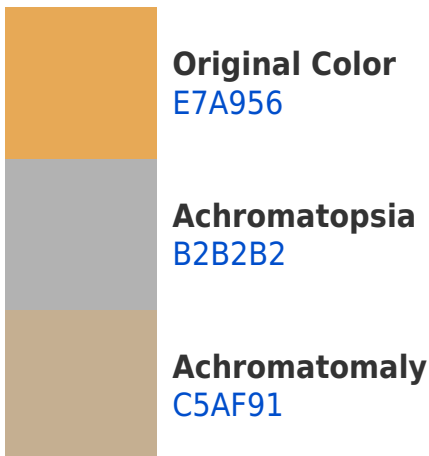


**Tritanopia**  
ED9FAC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7A956 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 #E7A956 looks like.

```
.text, #text, p{  
    color:#E7A956  
}
```

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 #E7A956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7A956
}
```

## Border

The CSS property to change the border of an element to Hex E7A956 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
#E7A956 }
```

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

```
.border{ border-color:#E7A956 }
```

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

Here you see how a box with a 4 pixel #E7A956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7A956; -webkit-box-shadow:4px 4px  
4px 4px #E7A956; box-shadow:4px 4px 4px  
4px #E7A956 }
```

# Background

The CSS property to change the background color of an element to Hex E7A956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7A956 }
```

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

```
.background{ background-color:#E7A956 }
```

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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