

# Converting Colors

Hex(EAAE48)

Have a look what the booklet for  
Hex(EAAE48) contains.

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**Color**

**Hex(EAAE48)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAAE48
RGB	234, 174, 72
RGB Percent	92%, 68%, 28%
CMY	0.0824, 0.3176, 0.7176
CMYK	0.00, 0.26, 0.69, 0.08
HSL	38°, 79%, 60%
HSV	38°, 69%, 92%
XYZ	50.2374, 48.2324, 12.7929
YIQ	180.3120, 68.5020, -19.0020

# Conversions

## Conversions Part 2

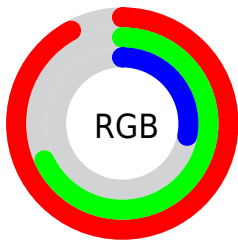
Format	Color
<a href="#">RYB</a>	<a href="#">167, 234, 72</a>
Decimal	<a href="#">15380040</a>
CIELab	<a href="#">74.97, 12.15, 58.89</a>
CIElCh	<a href="#">75, 60.130, 78.345</a>
Yxy	<a href="#">48.2324, 0.4515, 0.4335</a>
Android (android.graphics.Color)	<a href="#">4293570120</a> ( <a href="#">0xFFEAAE48</a> )
YUV	<a href="#">180.3120, -53.3978, 47.0844</a>
Hunter-Lab	<a href="#">69.4496, 7.5841, 37.6932</a>

# Details

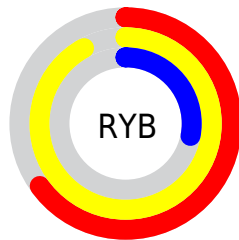
The Hex color **EAAE48** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4884EA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE57D**, and **AE7A0C** is the 20% darker color. If you saturate the color by 10%, you get **EAA531**, and if you desaturate by 10%, it is **EAB75F**.

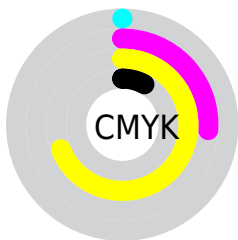
# Distribution



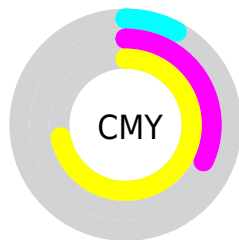
- Red (92%)
- Green (68%)
- Blue (28%)



- Red (65%)
- Yellow (92%)
- Blue (28%)



- Cyan (0%)
- Magenta (26%)
- Yellow (69%)
- Black (8%)



- Cyan (8%)
- Magenta (32%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAAE48 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 EAAE48 by changing the saturation by 10% instead.



 EAAE48

 EAAE48

FFFFFF

 CC932D

 FFE57D

 AE7A0C

 FFFF98

 916100

 FFFFB4

 744900

 FFFF00

 583300

 FFFFED

 3D1E00

 250800

 000000

 EAAE48

 EAAE48

 EAA531

 EAB75F

 EA9D19

 EABF77

 EA9402

 EAC88E

 EA9300

 EAD1A6

 EAD9BD

 EAE2D4

 EAEBEC

 EAF3FF

 EAF3FF

 EAF3FF

 EAF3FF

 EAF3FF

 EAF3FF

# Harmonies

## Analogous

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



FF9968



EAAE48



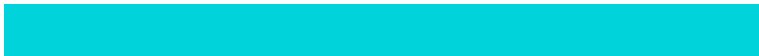
B7C049

# Triad

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



EAAE48



00D4DA



E79CFF

# Complementary

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



EAAE48



4884EA

# 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.



96B3FF



EAAE48



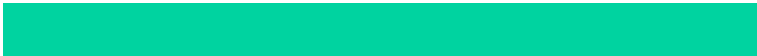
00D0FF

# Square

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



EAAE48



00D3A0



00C5FF



FF8AD1

# Rectangle

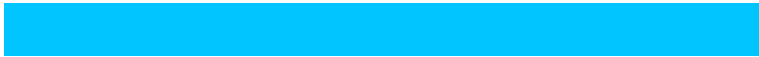
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EAAE48



8EC95D



00C5FF



D0A4FF



# Sweetspot

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



EAAE48



FFEBC9



EA4886



807460



000000



808080



# Same Dimension

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



EAAE48



FFB12B



D7EA48



75716A



B57200



362200



# Inverse Universe

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



4884EA



2B7AFF



5B48EA



6A6E75



0043B5



001436



# Previews

## White Background



This preview shows how the Hex color EAAE48 looks on a white background.

## Color Contrast Check

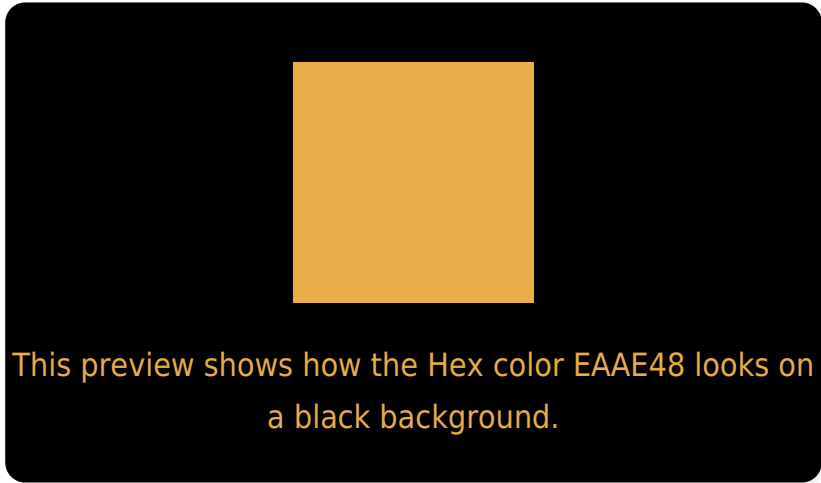
Large Text (above 18pt) WCAG AA × Fail

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 EAAE48 Background



This preview shows how black text looks on a background with the Hex color EAAE48.



This preview shows how white text looks on a background with the Hex color EAAE48.

# 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**  
EAAE48

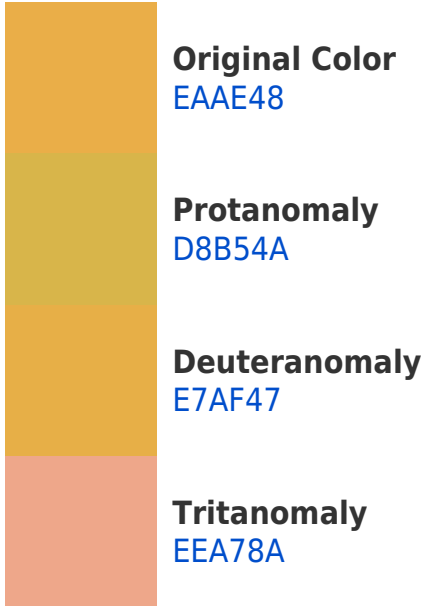
**Protanopia**  
CEB94B

**Deuteranopia**  
E6B047



**Tritanopia**  
F1A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAAE48 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 #EAAE48 looks like.

```
.text, #text, p{  
    color:#EAAE48  
}
```

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 #EAAE48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAAE48  
}
```

## Border

The CSS property to change the border of an element to Hex EAAE48 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  
#EAAE48 }
```

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

```
.border{ border-color:#EAAE48 }
```

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

Here you see how a box with a 4 pixel #EAAE48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAAE48; -webkit-box-shadow:4px 4px  
4px 4px #EAAE48; box-shadow:4px 4px 4px  
4px #EAAE48 }
```

# Background

The CSS property to change the background color of an element to Hex EAAE48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAAE48 }
```

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

```
.background{ background-color:#EAAE48 }
```

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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