

Converting Colors

Hex(EAAA38)

Have a look what the booklet for
Hex(EAAA38) contains.

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Color

Hex(EAAA38)

Conversions

Conversions Part 1

Format	Color
Hex	EAAA38
RGB	234, 170, 56
RGB Percent	92%, 67%, 22%
CMY	0.0824, 0.3333, 0.7804
CMYK	0.00, 0.27, 0.76, 0.08
HSL	38°, 81%, 57%
HSV	38°, 76%, 92%
XYZ	49.0202, 46.5274, 10.1384
YIQ	176.1400, 74.7380, -21.8860

Conversions

Conversions Part 2

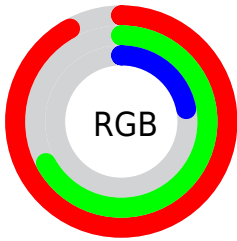
Format	Color
RYB	156, 234, 56
Decimal	15379000
CIELab	73.89, 13.53, 64.33
CIELCh	74, 65.735, 78.120
Yxy	46.5274, 0.4638, 0.4402
Android (android.graphics.Color)	4293569080 (0xFFEAAA38)
YUV	176.1400, -59.2290, 50.7432
Hunter-Lab	68.2110, 8.9108, 38.9352

Details

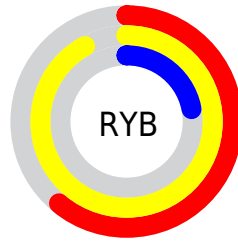
The Hex color **EAAA38** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **3878EA**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE16E**, and **AD7600** is the 20% darker color. If you saturate the color by 10%, you get **EAA221**, and if you desaturate by 10%, it is **EAB24F**.

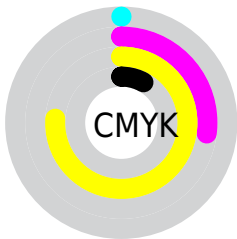
Distribution



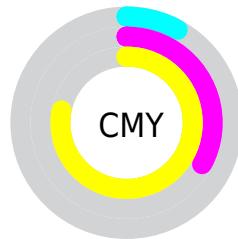
- Red (92%)
- Green (67%)
- Blue (22%)



- Red (61%)
- Yellow (92%)
- Blue (22%)



- Cyan (0%)
- Magenta (27%)
- Yellow (76%)
- Black (8%)



- Cyan (8%)
- Magenta (33%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAAA38 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 EAAA38 by changing the saturation by 10% instead.

 EAAA38

 EAAA38

FFFFFF

 CB9019

 FFE16E

 AD7600

 FFFE8A

 905E00

 FFFFA5

 734600

 FFFF C2

 573000

 FFFF DE

 3C1B00

FFFFFF C

 240300

 000000

 EAAA38

 EAAA38

 EAA221

 EAB24F

 EA9909

 EABB67

 EA9600

 EAC37E

 EACC96

 EAD4AD

 EADCC4

 EAE5DC

 EAEDF3

 EAF6FF

Harmonies

Analogous

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



FF925D



EAAA38



B3BE38

Triad

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



EAAA38



00D3D9



E796FF

Complementary

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



EAAA38



3878EA

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.



8BAFFF



EAAA38



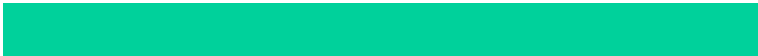
00CFFF

Square

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



EAAA38



00D19B



00C3FF



FF81D0

Rectangle

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



EAAA38



86C750



00C3FF



CE9FFF

Sweetspot

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



EAAA38



FFEAC4



EA3879



80735C



000000



808080

Same Dimension

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



EAAA38



FFAC17



D2EA38



75716A



B57400



362200

Inverse Universe

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



3878EA



176AFF



5038EA



6A6E75



0041B5



001336

Previews

White Background



This preview shows how the Hex color EAAA38 looks on a white background.

Color Contrast Check

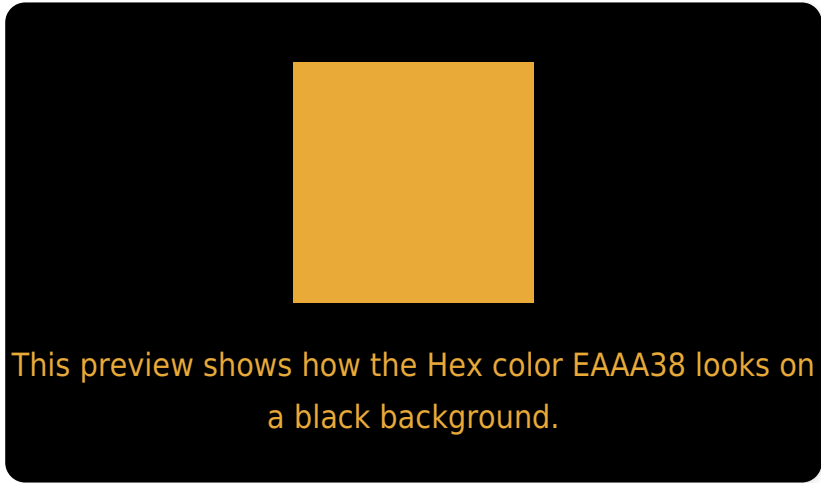
Large Text (above 18pt) WCAG AA × Fail

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 EAAA38 Background



This preview shows how black text looks on a background with the Hex color EAAA38.

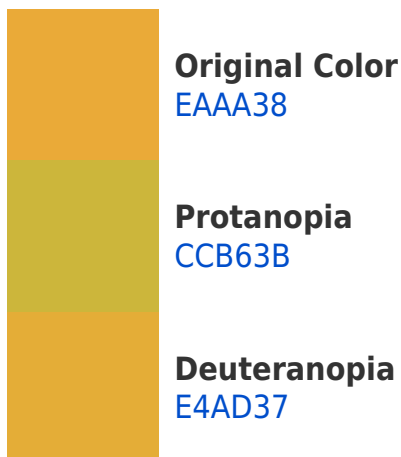


This preview shows how white text looks on a background with the Hex color EAAA38.

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](#).

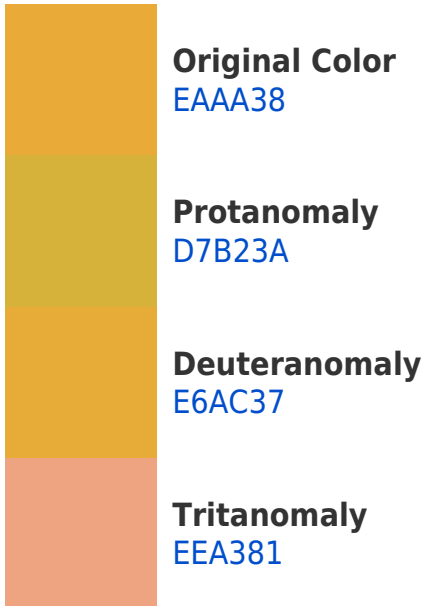
Dichromacy



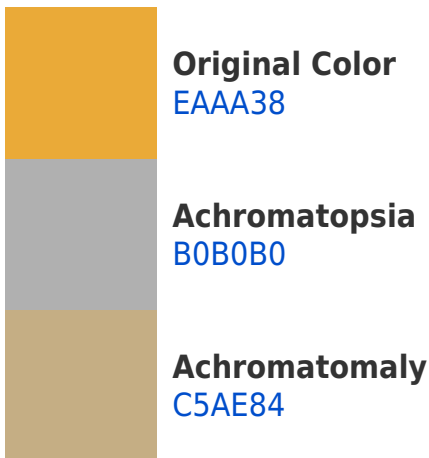


Tritanopia
F19FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EAAA38 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 #EAAA38 looks like.

```
.text, #text, p{  
    color:#EAAA38  
}
```

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 #EAAA38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAAA38  
}
```

Border

The CSS property to change the border of an element to Hex EAAA38 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  
#EAAA38 }
```

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

```
.border{ border-color:#EAAA38 }
```

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

Here you see how a box with a 4 pixel #EAAA38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAAA38; -webkit-box-shadow:4px 4px  
4px 4px #EAAA38; box-shadow:4px 4px 4px  
4px #EAAA38 }
```

Background

The CSS property to change the background color of an element to Hex EAAA38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAAA38 }
```

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

```
.background{ background-color:#EAAA38 }
```

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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