

Converting Colors

Hex(EAA856)

Have a look what the booklet for
Hex(EAA856) contains.

Hex(EAA856)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EAA856)

Conversions

Conversions Part 1

Format	Color
Hex	EAA856
RGB	234, 168, 86
RGB Percent	92%, 66%, 34%
CMY	0.0824, 0.3412, 0.6627
CMYK	0.00, 0.28, 0.63, 0.08
HSL	33°, 78%, 63%
HSV	33°, 63%, 92%
XYZ	49.6140, 46.1696, 15.1008
YIQ	178.3860, 65.6580, -11.5100

Conversions

Conversions Part 2

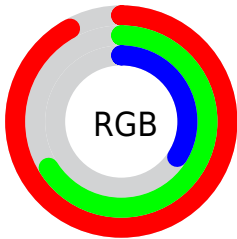
Format	Color
R_{YB}	205, 234, 86
Decimal	15378518
CIE Lab	73.66, 16.14, 51.05
CIE LCh	74, 53.544, 72.456
Yxy	46.1696, 0.4474, 0.4164
Android (android.graphics.Color)	4293568598 (0xFFEAA856)
YUV	178.3860, -45.5463, 48.7735
Hunter-Lab	67.9482, 11.4268, 34.3872

Details

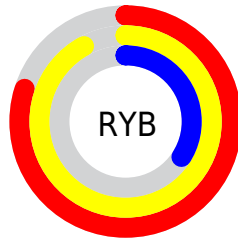
The Hex color **EAA856** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5698EA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDF8A**, and **AE7423** is the 20% darker color. If you saturate the color by 10%, you get **EA9E3F**, and if you desaturate by 10%, it is **EAB26D**.

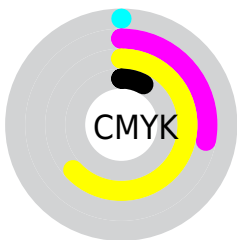
Distribution



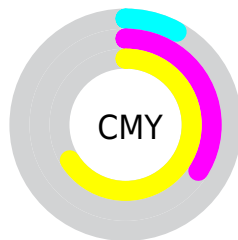
- Red (92%)
- Green (66%)
- Blue (34%)



- Red (80%)
- Yellow (92%)
- Blue (34%)



- Cyan (0%)
- Magenta (28%)
- Yellow (63%)
- Black (8%)



- Cyan (8%)
- Magenta (34%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAA856 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 EAA856 by changing the saturation by 10% instead.

 EAA856

 EAA856


FFFFFF

 CC8E3D

 FFDF8A

 AE7423

 FFCA5

 915B03

 FFFFC1

 754400

 FFFFDD

 592D00

 FFFFFA

 3E1800

 260000

 000000

 EAA856

 EAA856

 EA9E3F

 EAB26D

 EA9327

 EABD85

 EA8910

 EAC79C

 EA8200

 EAD2B4

 EADCCB

 EAE7E2

 EAF1FA

 EAFBFF

 EAFFFF

Harmonies

Analogous

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



FF9675



EAA856



BEB951

Triad

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



EAA856



00CEC9



D3A0FE

Complementary

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



EAA856



5698EA

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.



87B3FF



EAA856



00CBF6

Square

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



EAA856



38CC96



00C2FF



FF90D4

Rectangle

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



EAA856



9BC15F



00C2FF



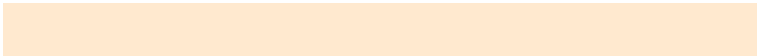
BEA6FF

Sweetspot

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



EAA856



FFE9CF



EA5699



807262



000000



808080

Same Dimension

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



EAA856



FFA93D



E3EA56



75706A



B56400



361E00

Inverse Universe

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



5698EA



3D94FF



5D56EA



6A6F75



0051B5



001836

Previews

White Background



This preview shows how the Hex color EAA856 looks on a white background.

Color Contrast Check

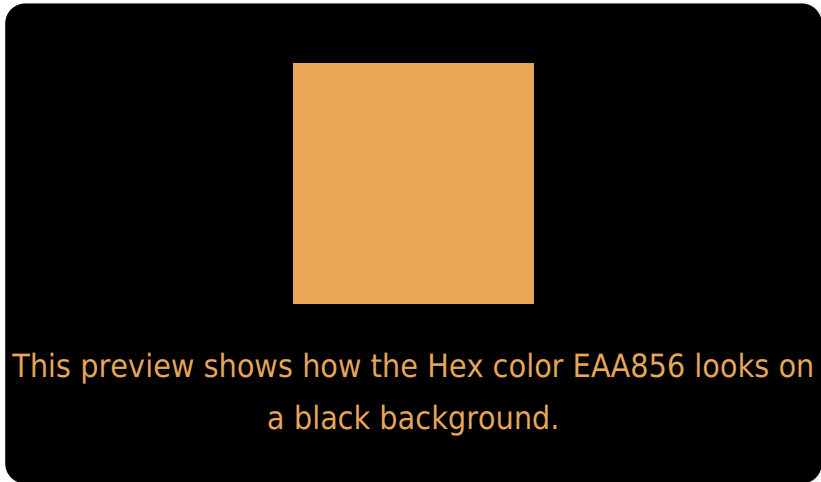
Large Text (above 18pt) WCAG AA × Fail

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

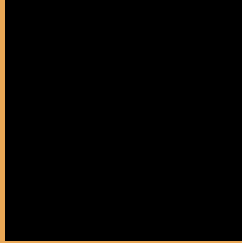
Any Text WCAG AA ✓ Pass

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 EAA856 Background



This preview shows how black text looks on a background with the Hex color EAA856.

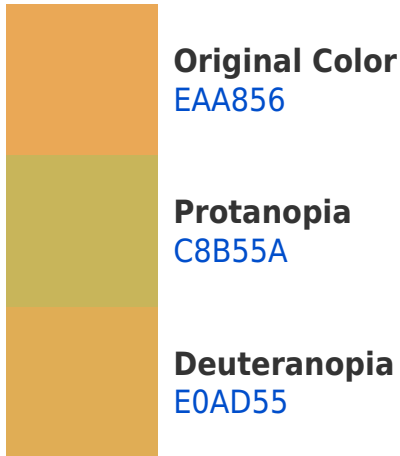


This preview shows how white text looks on a background with the Hex color EAA856.

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](#).

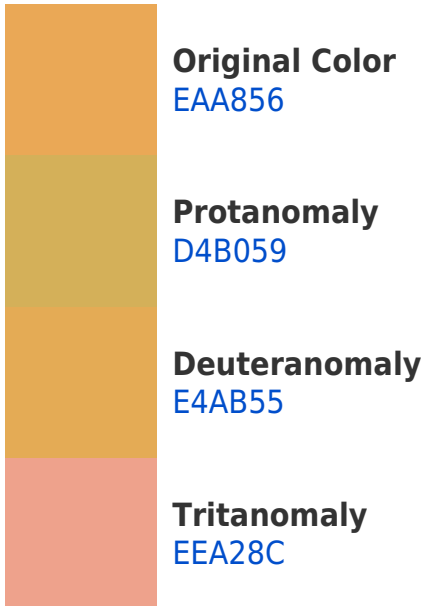
Dichromacy





Tritanopia
F09FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EAA856 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 #EAA856 looks like.

```
.text, #text, p{  
    color:#EAA856  
}
```

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 #EAA856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAA856  
}
```

Border

The CSS property to change the border of an element to Hex EAA856 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  
#EAA856 }
```

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

```
.border{ border-color:#EAA856 }
```

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

Here you see how a box with a 4 pixel #EAA856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAA856; -webkit-box-shadow:4px 4px  
4px 4px #EAA856; box-shadow:4px 4px 4px  
4px #EAA856 }
```

Background

The CSS property to change the background color of an element to Hex EAA856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAA856 }
```

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

```
.background{ background-color:#EAA856 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor