

Converting Colors

Hex(EAA45E)

Have a look what the booklet for
Hex(EAA45E) contains.

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Color

Hex(EAA45E)

Conversions

Conversions Part 1

Format	Color
Hex	EAA45E
RGB	234, 164, 94
RGB Percent	92%, 64%, 37%
CMY	0.0824, 0.3569, 0.6314
CMYK	0.00, 0.30, 0.60, 0.08
HSL	30°, 77%, 64%
HSV	30°, 60%, 92%
XYZ	49.2275, 44.8515, 16.6523
YIQ	176.9500, 64.1900, -6.9300

Conversions

Conversions Part 2

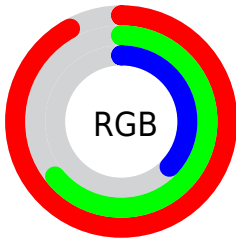
Format	Color
RYB	234, 234, 94
Decimal	15377502
CIELab	72.79, 18.81, 46.14
CIElCh	73, 49.823, 67.825
Yxy	44.8515, 0.4446, 0.4050
Android (android.graphics.Color)	4293567582 (0xFFEAA45E)
YUV	176.9500, -40.8943, 50.0329
Hunter-Lab	66.9713, 14.0075, 32.1375

Details

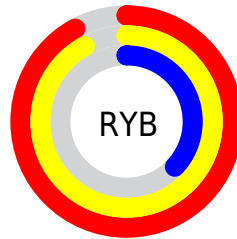
The Hex color **EAA45E** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5EA4EA**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFDB92**, and **AF702C** is the 20% darker color. If you saturate the color by 10%, you get **EA9847**, and if you desaturate by 10%, it is **EAB075**.

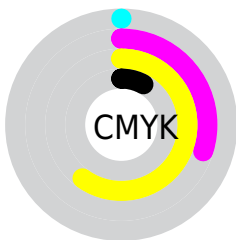
Distribution



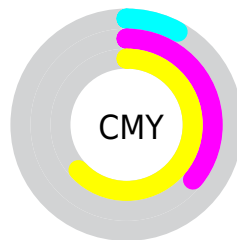
- Red (92%)
- Green (64%)
- Blue (37%)



- Red (92%)
- Yellow (92%)
- Blue (37%)



- Cyan (0%)
- Magenta (30%)
- Yellow (60%)
- Black (8%)



- Cyan (8%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAA45E 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 EAA45E by changing the saturation by 10% instead.

 EAA45E

 EAA45E

FFFFFF

 CC8A45

 FFDB92

 AF702C

 FFF8AD

 925812

 FFFFC9

 754000

 FFFFEE

 5A2A00

 3E1400

 260000

 000000

 EAA45E

 EAA45E

 EA9847

 EAB075

 EA8D2F

 EABB8D

 EA8118

 EAC7A4

 EA7500

 EAD3BC

 EADED3

 EAEAEA

 EAF6FF

 EAFFFF

Harmonies

Analogous

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



FF947D



EAA45E



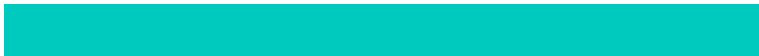
C3B455

Triad

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



EAA45E



00CABE



C6A2FB

Complementary

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



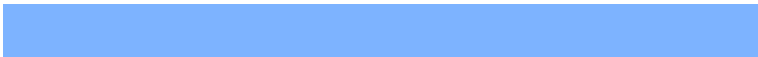
EAA45E



5EA4EA

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.



7DB3FF



EAA45E



00C8E9

Square

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



EAA45E



53C78F



00C1FF



F592D6

Rectangle

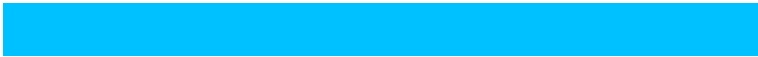
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EAA45E



A3BD5F



00C1FF



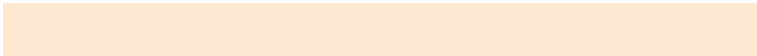
B1A8FF

Sweetspot

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



EAA45E



FFE8D1



EA5EA4



807163



000000



808080

Same Dimension

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



EAA45E



FFA347



EAEA5E



756F6A



B55B00



361B00

Inverse Universe

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



5EA4EA



47A3FF



5E5EEA



6A6F75



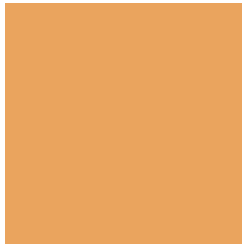
005BB5



001B36

Previews

White Background



This preview shows how the Hex color EAA45E looks on a white background.

Color Contrast Check

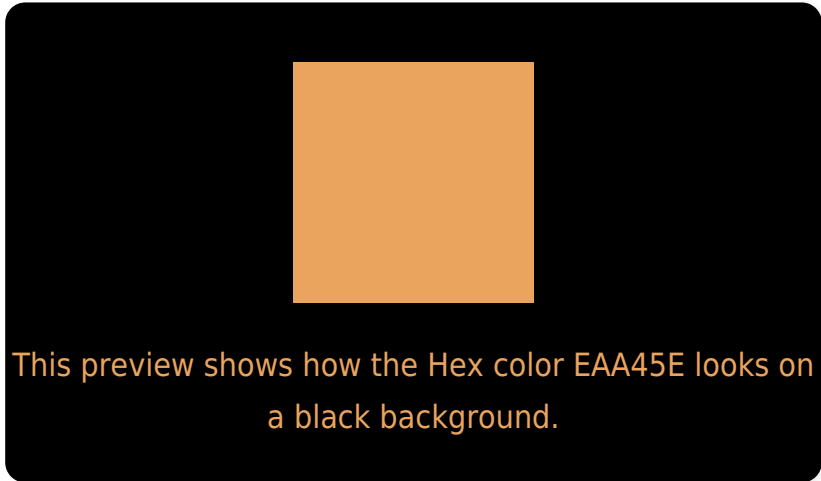
Large Text (above 18pt) WCAG AA × Fail

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

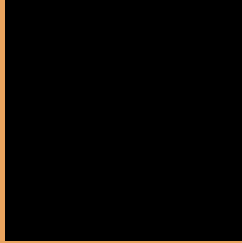
Any Text WCAG AA ✓ Pass

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 EAA45E Background



This preview shows how black text looks on a background with the Hex color EAA45E.

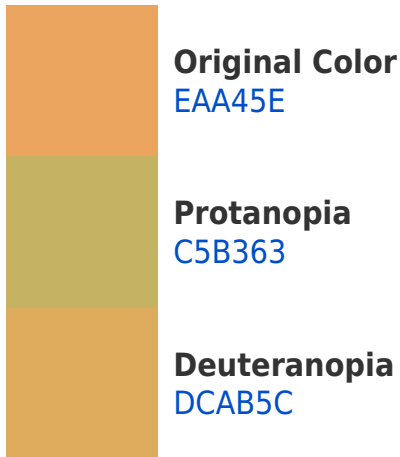


This preview shows how white text looks on a background with the Hex color EAA45E.

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](#).

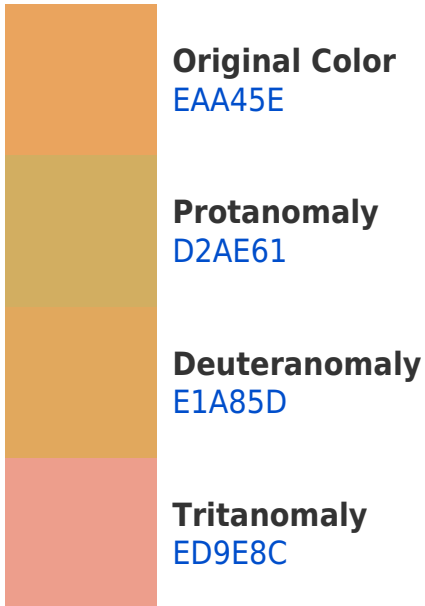
Dichromacy



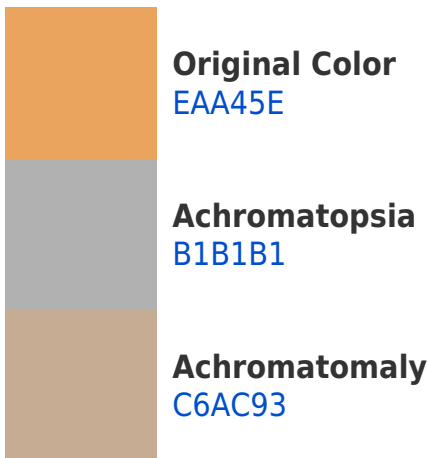


Tritanopia
EF9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EAA45E 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 #EAA45E looks like.

```
.text, #text, p{  
    color:#EAA45E  
}
```

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 #EAA45E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAA45E
}
```

Border

The CSS property to change the border of an element to Hex EAA45E 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
#EAA45E }
```

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

```
.border{ border-color:#EAA45E }
```

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

Here you see how a box with a 4 pixel #EAA45E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAA45E; -webkit-box-shadow:4px 4px  
4px 4px #EAA45E; box-shadow:4px 4px 4px  
4px #EAA45E }
```

Background

The CSS property to change the background color of an element to Hex EAA45E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAA45E }
```

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

```
.background{ background-color:#EAA45E }
```

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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