

Converting Colors

Hex(E4A85F)

Have a look what the booklet for
Hex(E4A85F) contains.

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Color

Hex(E4A85F)

Conversions

Conversions Part 1

Format	Color
Hex	E4A85F
RGB	228, 168, 95
RGB Percent	89%, 66%, 37%
CMY	0.1059, 0.3412, 0.6275
CMYK	0.00, 0.26, 0.58, 0.11
HSL	33°, 71%, 63%
HSV	33°, 58%, 89%
XYZ	48.0631, 45.3255, 17.0420
YIQ	177.6180, 59.1930, -9.9830

Conversions

Conversions Part 2

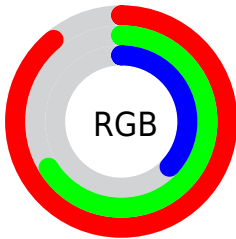
Format	Color
RYB	204, 228, 95
Decimal	14985311
CIELab	73.11, 14.27, 45.85
CIElCh	73, 48.017, 72.711
Yxy	45.3255, 0.4352, 0.4104
Android (android.graphics.Color)	4293175391 (0xFFE4A85F)
YUV	177.6180, -40.7307, 44.1850
Hunter-Lab	67.3242, 9.6148, 32.1187

Details

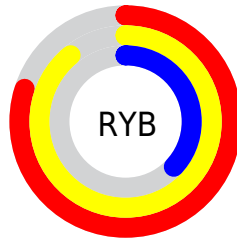
The Hex color **E4A85F** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5F9BE4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDF93**, and **A9742D** is the 20% darker color. If you saturate the color by 10%, you get **E49E48**, and if you desaturate by 10%, it is **E4B276**.

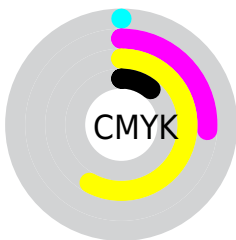
Distribution



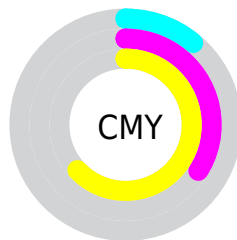
- Red (89%)
- Green (66%)
- Blue (37%)



- Red (80%)
- Yellow (89%)
- Blue (37%)



- Cyan (0%)
- Magenta (26%)
- Yellow (58%)
- Black (11%)



- Cyan (11%)
- Magenta (34%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4A85F 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 E4A85F by changing the saturation by 10% instead.

 E4A85F

 E4A85F

FFFFFF

 C68E46

 FFDF93

 A9742D

 FFFCAE

 8D5B13

 FFFFCA

 714400

 FFFFE7

 552E00

 3A1900

 230000

 000000

 E4A85F

 E4A85F

 E49E48

 E4B276

 E49331

 E4BD8D

 E4891B

 E4C7A3

 E47F04

 E4D1BA

 E47D00

 E4DBD1

 E4E6E8

 E4F0FF

 E4FAFF

 E4FFFF

Harmonies

Analogous

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



FF997A



E4A85F



BCB75B

Triad

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



E4A85F



00CAC5



D0A1F4

Complementary

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



E4A85F



5F9BE4

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.



8EB2FF



E4A85F



00C7EE

Square

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



E4A85F



4CC898



1BBFFF



F893CF

Rectangle

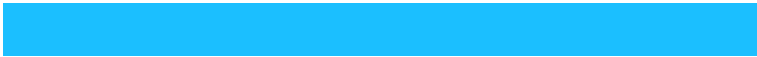
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E4A85F



9DBF67



1BBFFF



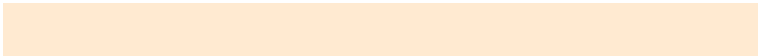
BDA6FE

Sweetspot

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



E4A85F



FFEAD1



E45F9D



807363



000000



808080

Same Dimension

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



E4A85F



FFAE4D



E0E45F



736E67



B36200



331C00

Inverse Universe

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



5F9BE4



4D9DFF



635FE4



676C73



0051B3



001733

Previews

White Background



This preview shows how the Hex color E4A85F looks on a white background.

Color Contrast Check

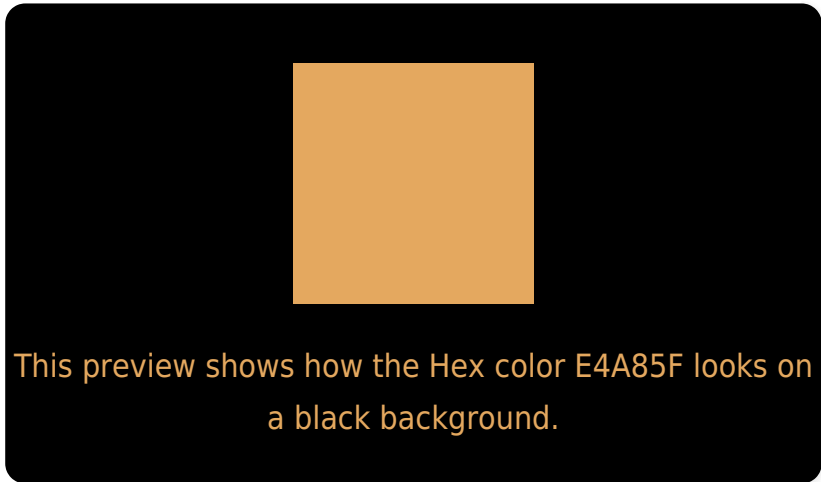
Large Text (above 18pt) WCAG AA × Fail

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 E4A85F Background



This preview shows how black text looks on a background with the Hex color E4A85F.



This preview shows how white text looks on a background with the Hex color E4A85F.

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
E4A85F

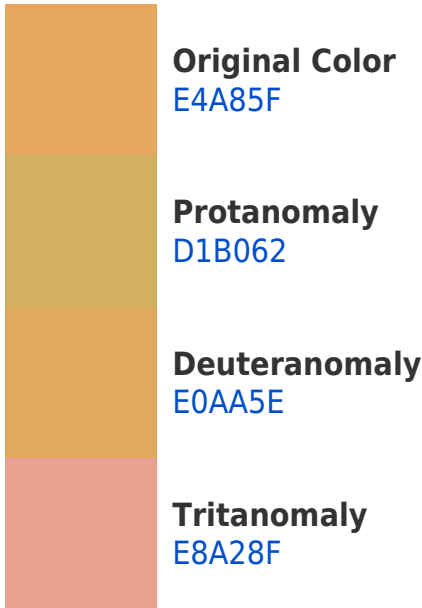
Protanopia
C6B463

Deuteranopia
DDAB5E

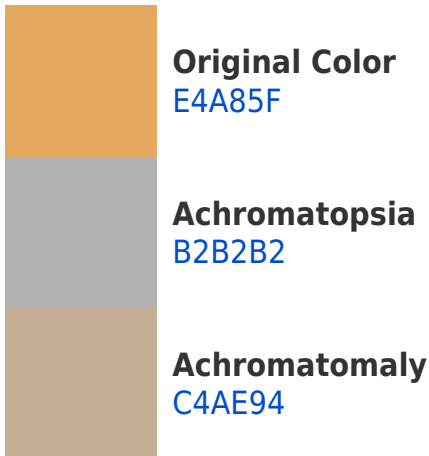


Tritanopia
EA9FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E4A85F 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 #E4A85F looks like.

```
.text, #text, p{  
    color:#E4A85F  
}
```

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 #E4A85F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4A85F
}
```

Border

The CSS property to change the border of an element to Hex E4A85F 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
#E4A85F }
```

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

```
.border{ border-color:#E4A85F }
```

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

Here you see how a box with a 4 pixel #E4A85F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4A85F; -webkit-box-shadow:4px 4px  
4px 4px #E4A85F; box-shadow:4px 4px 4px  
4px #E4A85F }
```

Background

The CSS property to change the background color of an element to Hex E4A85F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4A85F }
```

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

```
.background{ background-color:#E4A85F }
```

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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