

Converting Colors

Hex(E4AA70)

Have a look what the booklet for
Hex(E4AA70) contains.

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Color

Hex(E4AA70)

Conversions

Conversions Part 1

Format	Color
Hex	E4AA70
RGB	228, 170, 112
RGB Percent	89%, 67%, 44%
CMY	0.1059, 0.3333, 0.5608
CMYK	0.00, 0.25, 0.51, 0.11
HSL	30°, 68%, 67%
HSV	30°, 51%, 89%
XYZ	49.2943, 46.4133, 21.6898
YIQ	180.7300, 53.1860, -5.7420

Conversions

Conversions Part 2

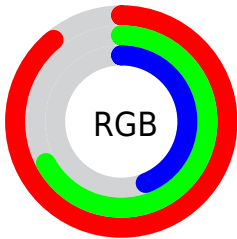
Format	Color
R _Y B	228, 228, 112
Decimal	14985840
CIE Lab	73.81, 14.59, 38.04
CIE LCh	74, 40.748, 69.012
Yxy	46.4133, 0.4199, 0.3954
Android (android.graphics.Color)	4293175920 (0xFFE4AA70)
YUV	180.7300, -33.8839, 41.4558
Hunter-Lab	68.1273, 9.9329, 28.8128

Details

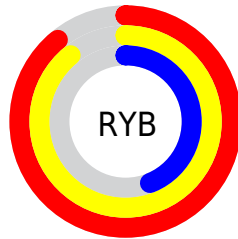
The Hex color **E4AA70** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70AAE4**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE1A5**, and **AA763F** is the 20% darker color. If you saturate the color by 10%, you get **E49F59**, and if you desaturate by 10%, it is **E4B587**.

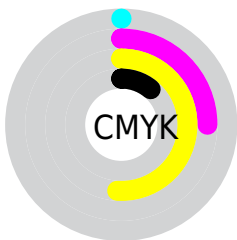
Distribution



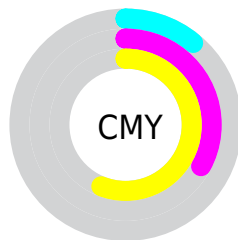
- Red (89%)
- Green (67%)
- Blue (44%)



- Red (89%)
- Yellow (89%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (51%)
- Black (11%)



- Cyan (11%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4AA70 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 E4AA70 by changing the saturation by 10% instead.

 E4AA70

 E4AA70

FFFFFF

 C79057

 FFE1A5

 AA763F

 FFFEC0

 8E5D27

 FFFFDC

 72450F

 FFFFF9

 572F00

 3D1A00

 240200

 000000

 E4AA70

 E4AA70

 E49F59

 E4B587

 E49342

 E4C19E

 E4882C

 E4CCB4

 E47C15

 E4D8CB

 E47200

 E4E3E2

 E4EEF9

 E4FAFF

 E4FFFF

Harmonies

Analogous

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



F99E88



E4AA70



C3B76A

Triad

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



E4AA70



31C9C0



C8A8F0

Complementary

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



E4AA70



70AAE4

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.



91B5FF



E4AA70



00C7E3

Square

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



E4AA70



6BC799



4DC1FA



ED9CD1

Rectangle

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



E4AA70



A8BE73



4DC1FA



B8ACF7

Sweetspot

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



E4AA70



FFECD9



E470AA



807469



000000



808080

Same Dimension

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



E4AA70



FFB163



E4E270



736D67



B35900



331900

Inverse Universe

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



70AAE4



63B1FF



7070E4



676D73



0059B3



001A33

Previews

White Background



This preview shows how the Hex color E4AA70 looks on a white background.

Color Contrast Check

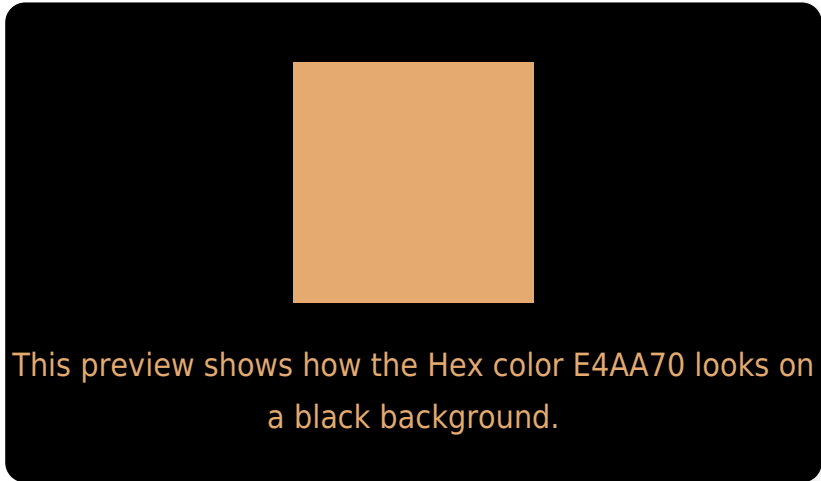
Large Text (above 18pt) WCAG AA × Fail

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 E4AA70 Background



This preview shows how black text looks on a background with the Hex color E4AA70.



This preview shows how white text looks on a background with the Hex color E4AA70.

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
E4AA70

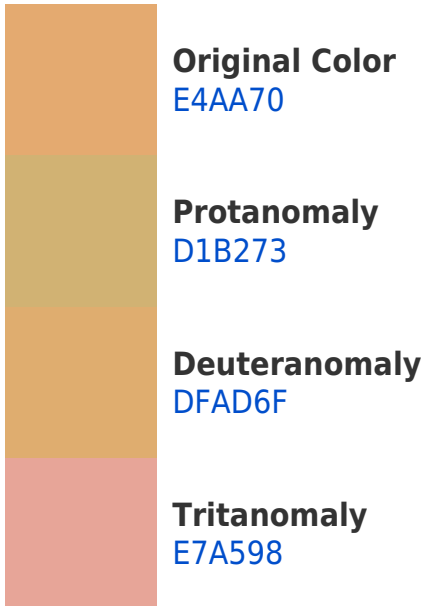
Protanopia
C6B675

Deuteranopia
DCAE6F



Tritanopia
E9A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E4AA70 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 #E4AA70 looks like.

```
.text, #text, p{  
    color:#E4AA70  
}
```

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 #E4AA70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4AA70
}
```

Border

The CSS property to change the border of an element to Hex E4AA70 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
#E4AA70 }
```

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

```
.border{ border-color:#E4AA70 }
```

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

Here you see how a box with a 4 pixel #E4AA70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4AA70; -webkit-box-shadow:4px 4px  
4px 4px #E4AA70; box-shadow:4px 4px 4px  
4px #E4AA70 }
```

Background

The CSS property to change the background color of an element to Hex E4AA70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4AA70 }
```

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

```
.background{ background-color:#E4AA70 }
```

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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