

Converting Colors

Hex(E4AA7F)

Have a look what the booklet for
Hex(E4AA7F) contains.

Hex(E4AA7F)	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(E4AA7F)

Conversions

Conversions Part 1

Format	Color
Hex	E4AA7F
RGB	228, 170, 127
RGB Percent	89%, 67%, 50%
CMY	0.1059, 0.3333, 0.5020
CMYK	0.00, 0.25, 0.44, 0.11
HSL	26°, 65%, 70%
HSV	26°, 44%, 89%
XYZ	50.2004, 46.7757, 26.4614
YIQ	182.4400, 48.3710, -1.0770

Conversions

Conversions Part 2

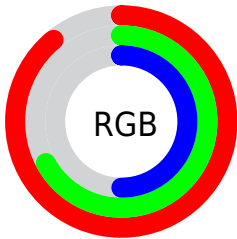
Format	Color
R _Y B	228, 202, 127
Decimal	14985855
CIE Lab	74.05, 16.04, 30.44
CIE LCh	74, 34.408, 62.221
Yxy	46.7757, 0.4067, 0.3789
Android (android.graphics.Color)	4293175935 (0xFFE4AA7F)
YUV	182.4400, -27.3319, 39.9561
Hunter-Lab	68.3928, 11.3319, 24.9354

Details

The Hex color **E4AA7F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7FB9E4**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE1B4**, and **AA764D** is the 20% darker color. If you saturate the color by 10%, you get **E49D68**, and if you desaturate by 10%, it is **E4B796**.

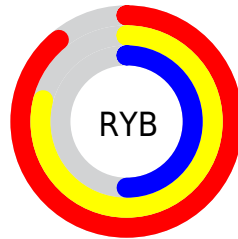
Distribution



Red (89%)

Green (67%)

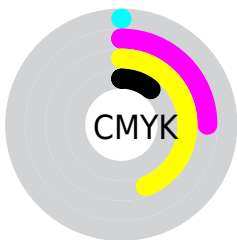
Blue (50%)



Red (89%)

Yellow (79%)

Blue (50%)

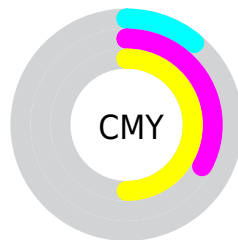


Cyan (0%)

Magenta (25%)

Yellow (44%)

Black (11%)



Cyan (11%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4AA7F 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 E4AA7F by changing the saturation by 10% instead.

 E4AA7F

 E4AA7F

FFFFFF

 C78F66

 FFE1B4

 AA764D

 FFFED0

 8E5D36

 FFFFEC

 73451F

 582F09

 3F1900

 260200

 000000

 E4AA7F

 E4AA7F

 E49D68

 E4B796

 E49051

 E4C4AD

 E4833B

 E4D1C3

 E47624

 E4DEDA

 E4690D

 E4EBF1

 E46100

 E4F9FF

 E4FFFF

Harmonies

Analogous

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



F3A196



E4AA7F



C9B577

Triad

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



E4AA7F



5EC7B7



BDADEB

Complementary

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



E4AA7F



7FB9E4

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.



8FB8F5



E4AA7F



49C6D7

Square

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



E4AA7F



83C598



60C1ED



E0A3D4

Rectangle

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



E4AA7F



B4BB7B



60C1ED



AFB1F0

Sweetspot

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



E4AA7F



FFECDE



E47FBA



80746B



000000



808080

Same Dimension

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



E4AA7F



FFB178



E4DC7F



736C67



B34C00



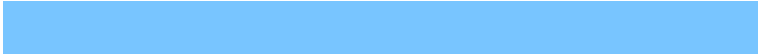
331600

Inverse Universe

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



7FB9E4



78C5FF



7F87E4



676E73



0067B3



001D33

Previews

White Background



This preview shows how the Hex color E4AA7F looks on a white background.

Color Contrast Check

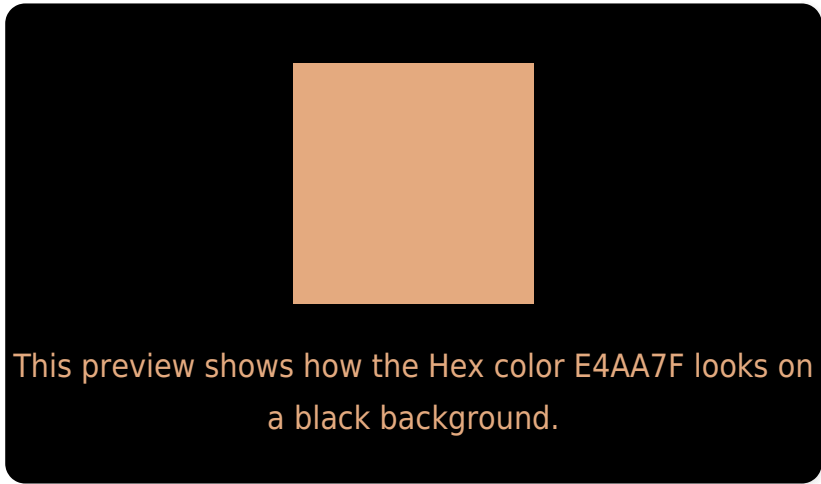
Large Text (above 18pt) WCAG AA × Fail

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

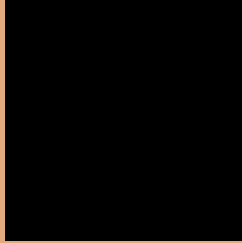
Any Text WCAG AA ✓ Pass

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 E4AA7F Background



This preview shows how black text looks on a background with the Hex color E4AA7F.

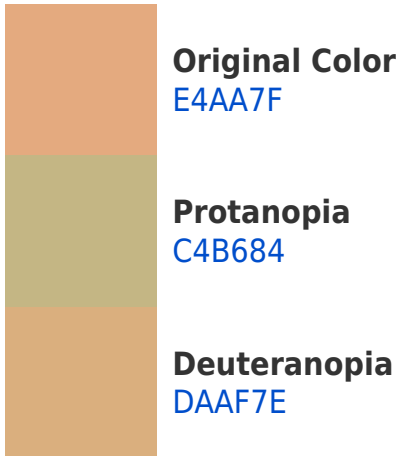



This preview shows how white text looks on a background with the Hex color E4AA7F.

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
E9A4B0

Trichromacy



Original Color
E4AA7F

Protanomaly
D0B282

Deuteranomaly
DEAD7E

Tritanomaly
E7A69E

Monochromacy



Original Color
E4AA7F

Achromatopsia
B6B6B6

Achromatomaly
C7B2A2

CSS Examples

Text

The CSS property to change the color of the text to Hex E4AA7F 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 #E4AA7F looks like.

```
.text, #text, p{  
    color:#E4AA7F  
}
```

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 #E4AA7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4AA7F
}
```

Border

The CSS property to change the border of an element to Hex E4AA7F 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
#E4AA7F }
```

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

```
.border{ border-color:#E4AA7F }
```

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

Here you see how a box with a 4 pixel #E4AA7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4AA7F; -webkit-box-shadow:4px 4px  
4px 4px #E4AA7F; box-shadow:4px 4px 4px  
4px #E4AA7F }
```

Background

The CSS property to change the background color of an element to Hex E4AA7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4AA7F }
```

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

```
.background{ background-color:#E4AA7F }
```

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