

# Converting Colors

Hex(E4C7A3)

Have a look what the booklet for  
Hex(E4C7A3) contains.

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# **Color**

**Hex(E4C7A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E4C7A3
RGB	228, 199, 163
RGB Percent	89%, 78%, 64%
CMY	0.1059, 0.2196, 0.3608
CMYK	0.00, 0.13, 0.29, 0.11
HSL	33°, 55%, 77%
HSV	33°, 29%, 89%
XYZ	59.0292, 59.9852, 43.1175
YIQ	203.5670, 28.8400, -5.0480

# Conversions

## Conversions Part 2

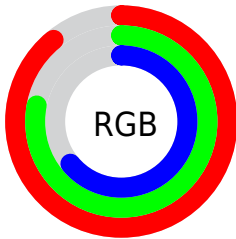
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 228, 163
Decimal	14993315
CIE <sub>Lab</sub>	81.83, 4.91, 21.80
CIE <sub>LCh</sub>	82, 22.351, 77.308
Yxy	59.9852, 0.3641, 0.3700
Android (android.graphics.Color)	4293183395 (0xFFE4C7A3)
YUV	203.5670, -19.9995, 21.4277
Hunter-Lab	77.4501, 0.5075, 21.2076

# Details

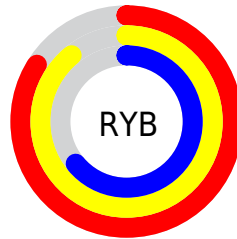
The Hex color **E4C7A3** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **A3C0E4**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFDA**, and **AC916F** is the 20% darker color. If you saturate the color by 10%, you get **E4BD8C**, and if you desaturate by 10%, it is **E4D1BA**.

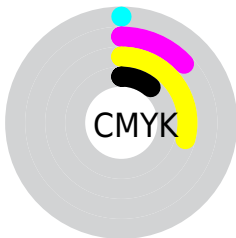
# Distribution



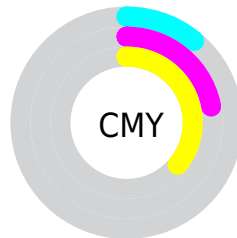
- Red (89%)
- Green (78%)
- Blue (64%)



- Red (84%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4C7A3 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 E4C7A3 by changing the saturation by 10% instead.



 E4C7A3

 E4C7A3

FFFFFF

 C8AC89

 FFFFDA

 AC916F

 FFFFF7

 917857

 765F3F

 5D4729

 443113

 2D1C00

 140300

 000000

 E4C7A3

 E4C7A3

 E4BD8C

 E4D1BA

 E4B375

 E4DBD1

 E4A85F

 E4E6E7

 E49E48

 E4F0FE

 E49431

 E4FAFF

 E48A1A

 E4FFFF

 E48003

 E47E00

# Harmonies

## Analogous

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



F3C1AE



E4C7A3



CFCEA3

# Triad

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



E4C7A3



93D7D7



DEC2E8

# Complementary

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



E4C7A3



A3C0E4

# 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.



C3C9F3



E4C7A3



96D5E9

# Square

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



E4C7A3



A1D7C2



A8D0F4



F0BED5

# Rectangle

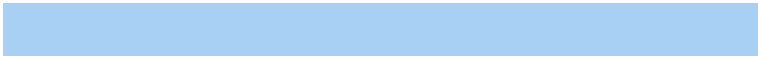
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E4C7A3



BFD2AA



A8D0F4



D6C4ED



# Sweetspot

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



E4C7A3



FFF5E8



E4A3C0



807971



000000



808080



# Same Dimension

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



E4C7A3



FFD8A8



E1E4A3



736E67



B36300



331C00



# Inverse Universe

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



A3C0E4



A8CFFF



A6A3E4



676C73



0050B3

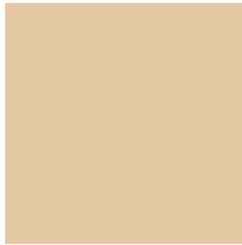


001733



# Previews

## White Background



This preview shows how the Hex color E4C7A3 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



This preview shows how the Hex color E4C7A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

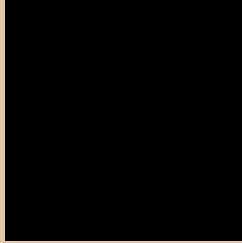
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4C7A3 Background



This preview shows how black text looks on a background with the Hex color E4C7A3.

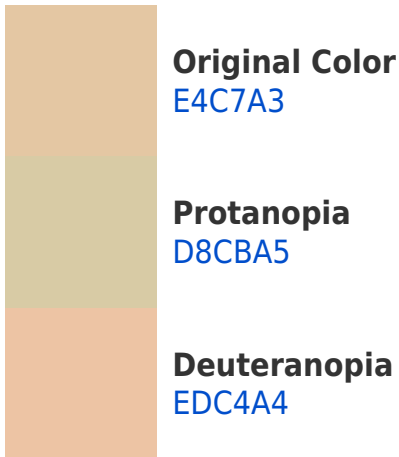


This preview shows how white text looks on a background with the Hex color E4C7A3.

# 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](#).

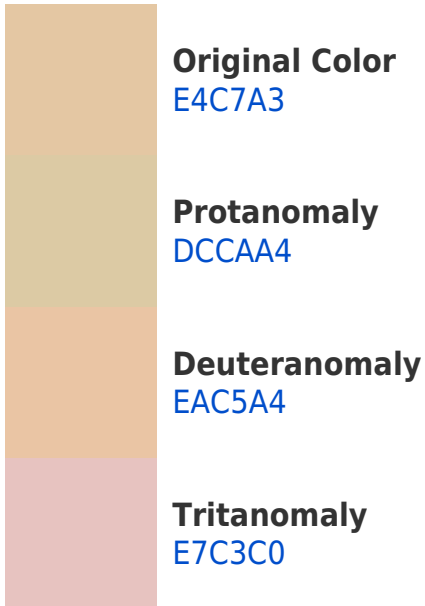
## Dichromacy



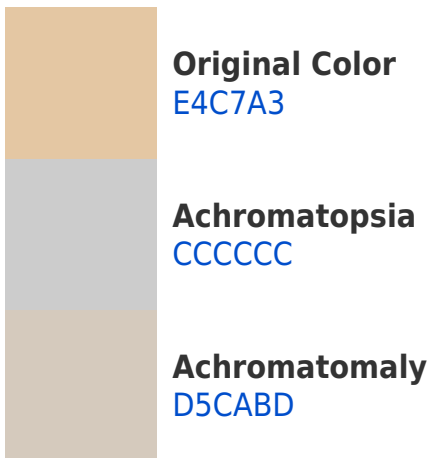


**Tritanopia**  
E9C1D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4C7A3 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 #E4C7A3 looks like.

```
.text, #text, p{  
    color:#E4C7A3  
}
```

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 #E4C7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4C7A3
}
```

## Border

The CSS property to change the border of an element to Hex E4C7A3 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
#E4C7A3 }
```

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

```
.border{ border-color:#E4C7A3 }
```

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

Here you see how a box with a 4 pixel #E4C7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4C7A3; -webkit-box-shadow:4px 4px  
4px 4px #E4C7A3; box-shadow:4px 4px 4px  
4px #E4C7A3 }
```

# Background

The CSS property to change the background color of an element to Hex E4C7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4C7A3 }
```

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

```
.background{ background-color:#E4C7A3 }
```

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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