

# Converting Colors

Hex(E7C4A7)

Have a look what the booklet for  
Hex(E7C4A7) contains.

<b>Hex(E7C4A7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E7C4A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7C4A7
RGB	231, 196, 167
RGB Percent	91%, 77%, 65%
CMY	0.0941, 0.2314, 0.3451
CMYK	0.00, 0.15, 0.28, 0.09
HSL	27°, 57%, 78%
HSV	27°, 28%, 91%
XYZ	59.6700, 59.2588, 44.8524
YIQ	203.1590, 30.1690, -1.5990

# Conversions

## Conversions Part 2

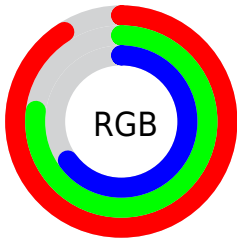
Format	Color
R <sub>Y</sub> B	231, 220, 167
Decimal	15189159
CIE Lab	81.43, 8.16, 19.18
CIE LCh	81, 20.840, 66.956
Yxy	59.2588, 0.3643, 0.3618
Android (android.graphics.Color)	4293379239 (0xFFE7C4A7)
YUV	203.1590, -17.8264, 24.4166
Hunter-Lab	76.9797, 3.6477, 19.3404

# Details

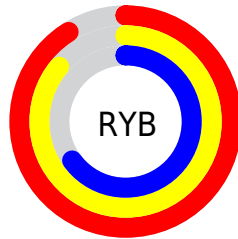
The Hex color **E7C4A7** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **A7CAE7**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFDDE**, and **AF8E73** is the 20% darker color. If you saturate the color by 10%, you get **E7B790**, and if you desaturate by 10%, it is **E7D1BE**.

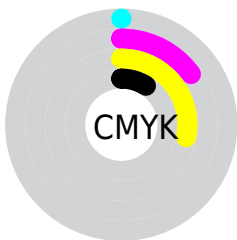
# Distribution



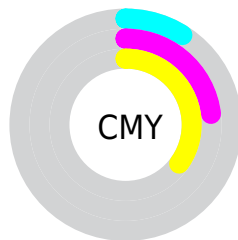
- Red (91%)
- Green (77%)
- Blue (65%)



- Red (91%)
- Yellow (86%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7C4A7 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 E7C4A7 by changing the saturation by 10% instead.



 E7C4A7

 E7C4A7

FFFFFF

 CAA98D

 FFFDDE

 AF8E73

 FFFFFB

 93755A

 795C43

 5F452C

 462E17

 301900

 180000

 000000

 E7C4A7

 E7C4A7

 E7B790

 E7D1BE

 E7AB79

 E7DDD5

 E79E62

 E7EAEC

 E7914B

 E7F7FF

 E78534

 E7FFFF

 E7781C

 E76C05

 E76900

# Harmonies

## Analogous

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



F2BFB4



E7C4A7



D5CAA4

# Triad

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



E7C4A7



9AD6CE



D4C4EA

# Complementary

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



E7C4A7



A7CAE7

# 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.



BACAF1



E7C4A7



96D4E1

# Square

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



E7C4A7



A9D4BA



A3D0EE



E8BFDA

# Rectangle

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



E7C4A7



C6CFA7



A3D0EE



CBC6ED



# Sweetspot

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



E7C4A7



FFF4EB



E7A7CA



807973



000000



808080



# Same Dimension

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



E7C4A7



FFD1AB



E7E4A7



736C67



B35100



331700

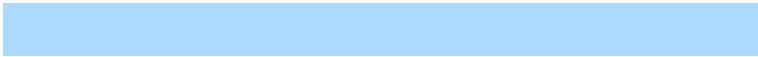


# Inverse Universe

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



A7CAE7



ABD9FF



A7AAE7



676E73



0062B3

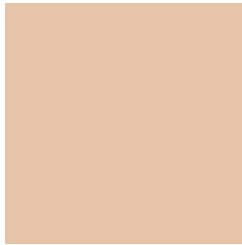


001C33



# Previews

## White Background



This preview shows how the Hex color E7C4A7 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 E7C4A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

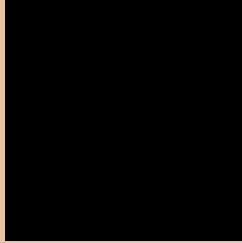
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7C4A7 Background



This preview shows how black text looks on a background with the Hex color E7C4A7.

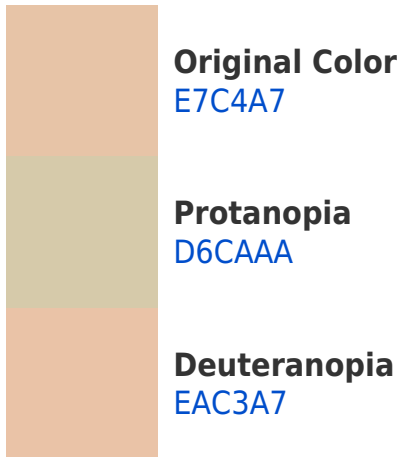


This preview shows how white text looks on a background with the Hex color E7C4A7.

# Color Blindness Simulation

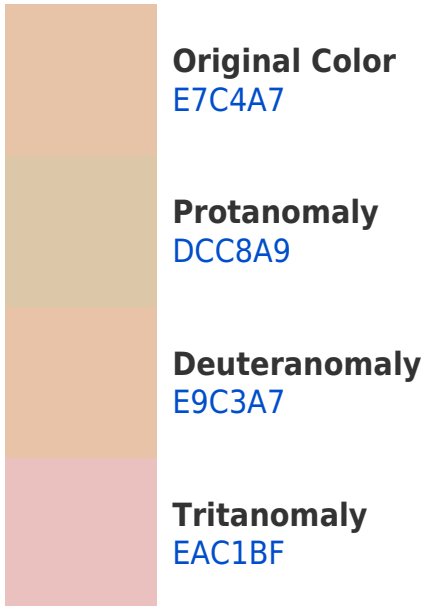
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

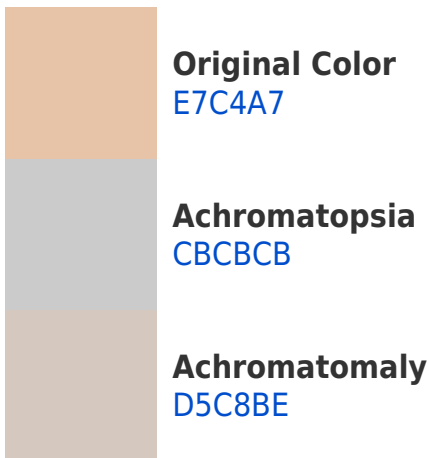




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7C4A7 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 #E7C4A7 looks like.

```
.text, #text, p{  
    color:#E7C4A7  
}
```

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 #E7C4A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7C4A7
}
```

## Border

The CSS property to change the border of an element to Hex E7C4A7 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
#E7C4A7 }
```

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

```
.border{ border-color:#E7C4A7 }
```

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

Here you see how a box with a 4 pixel #E7C4A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7C4A7; -webkit-box-shadow:4px 4px  
4px 4px #E7C4A7; box-shadow:4px 4px 4px  
4px #E7C4A7 }
```

# Background

The CSS property to change the background color of an element to Hex E7C4A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7C4A7 }
```

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

```
.background{ background-color:#E7C4A7 }
```

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