

# Converting Colors

Hex(E5C3AB)

Have a look what the booklet for  
Hex(E5C3AB) contains.

<b>Hex(E5C3AB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E5C3AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5C3AB
RGB	229, 195, 171
RGB Percent	90%, 76%, 67%
CMY	0.1020, 0.2353, 0.3294
CMYK	0.00, 0.15, 0.25, 0.10
HSL	25°, 53%, 78%
HSV	25°, 25%, 90%
XYZ	59.1789, 58.6285, 46.7254
YIQ	202.4300, 27.9680, -0.2560

# Conversions

## Conversions Part 2

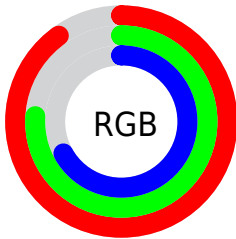
Format	Color
<b>R<sub>YB</sub></b>	229, 212, 171
Decimal	15057835
CIE <sub>Lab</sub>	81.09, 8.47, 16.54
CIE <sub>LCh</sub>	81, 18.581, 62.866
Yxy	58.6285, 0.3597, 0.3563
Android (android.graphics.Color)	4293247915 (0xFFE5C3AB)
YUV	202.4300, -15.4950, 23.3019
Hunter-Lab	76.5693, 3.9630, 17.4175

# Details

The Hex color **E5C3AB** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **ABCDE5**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFCE2**, and **AD8D77** is the 20% darker color. If you saturate the color by 10%, you get **E5B694**, and if you desaturate by 10%, it is **E5D0C2**.

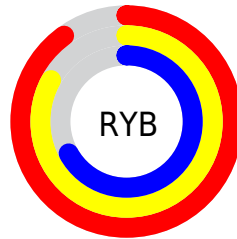
# Distribution



Red (90%)

Green (76%)

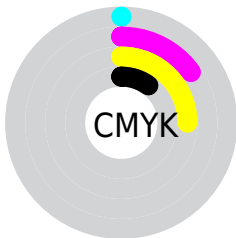
Blue (67%)



Red (90%)

Yellow (83%)

Blue (67%)

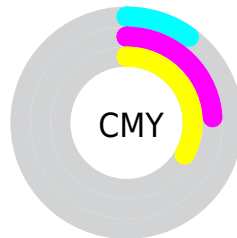


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (10%)



Cyan (10%)

Magenta (24%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5C3AB 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 E5C3AB by changing the saturation by 10% instead.



 E5C3AB

 E5C3AB

FFFFFF

 C9A890

 FFFCE2

 AD8D77

 92745E

 775B46

 5E4430

 452D1B

 2F1900

 170000

 000000

 E5C3AB

 E5C3AB

 E5B694

 E5D0C2

 E5A87D

 E5DED9

 E59B66

 E5EBF0

 E58D4F

 E5F9FF

 E58038

 E5FFFF

 E57222

 E5650B

 E55F00

# Harmonies

## Analogous

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



EDBFB7



E5C3AB



D5C9A7

# Triad

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



E5C3AB



A0D4CA



CFC4E7

# Complementary

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



E5C3AB



ABCDE5

# 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.



B8CAEC



E5C3AB



9CD3DC

# Square

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



E5C3AB



AFD2B9



A5CFE8



E2BFDA

# Rectangle

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



E5C3AB



C9CCA9



A5CFE8



C7C6E9

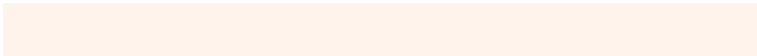


# Sweetspot

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



E5C3AB



FFF3EB



E5ABCE



807873



000000



808080



# Same Dimension

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



E5C3AB



FFD2B3



E5DFAB



736C67



B34A00



331500

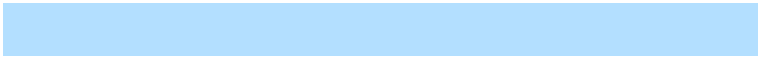


# Inverse Universe

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



ABCDE5



B3DFFF



ABB1E5



676E73



0069B3



001E33



# Previews

## White Background



This preview shows how the Hex color E5C3AB looks on a white background.

## Color Contrast Check

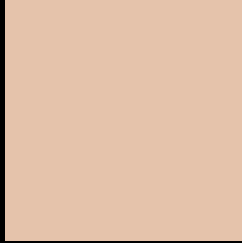
Large Text (above 18pt) WCAG AA × Fail

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 E5C3AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

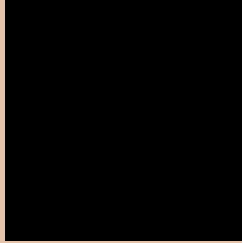
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5C3AB Background



This preview shows how black text looks on a background with the Hex color E5C3AB.

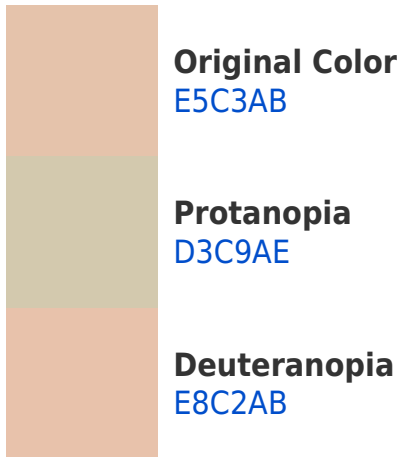


This preview shows how white text looks on a background with the Hex color E5C3AB.

# 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](#).

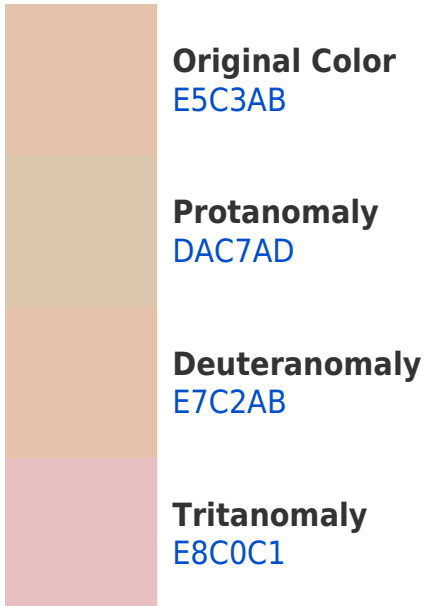
## Dichromacy



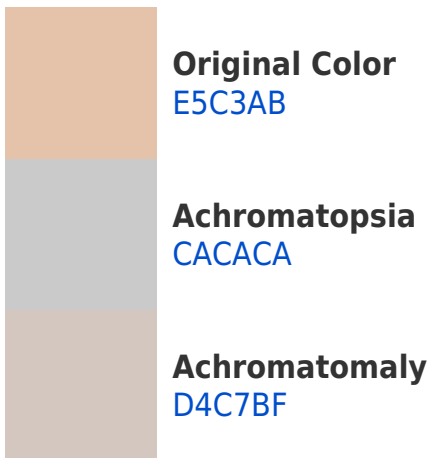


**Tritanopia**  
E9BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5C3AB 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 #E5C3AB looks like.

```
.text, #text, p{  
    color:#E5C3AB  
}
```

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 #E5C3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5C3AB
}
```

## Border

The CSS property to change the border of an element to Hex E5C3AB 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
#E5C3AB }
```

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

```
.border{ border-color:#E5C3AB }
```

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

Here you see how a box with a 4 pixel #E5C3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5C3AB; -webkit-box-shadow:4px 4px  
4px 4px #E5C3AB; box-shadow:4px 4px 4px  
4px #E5C3AB }
```

# Background

The CSS property to change the background color of an element to Hex E5C3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5C3AB }
```

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

```
.background{ background-color:#E5C3AB }
```

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