

# Converting Colors

Hex(E1CCAA)

Have a look what the booklet for  
Hex(E1CAA) contains.

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# **Color**

**Hex(E1CAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1CCAA
RGB	225, 204, 170
RGB Percent	88%, 80%, 67%
CMY	0.1176, 0.2000, 0.3333
CMYK	0.00, 0.09, 0.24, 0.12
HSL	37°, 48%, 77%
HSV	37°, 24%, 88%
XYZ	59.8999, 62.0956, 46.8588
YIQ	206.4030, 23.4300, -6.1220

# Conversions

## Conversions Part 2

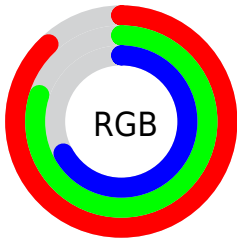
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 225, 170
Decimal	14797994
CIE <sub>Lab</sub>	82.96, 2.11, 19.63
CIE <sub>LCh</sub>	83, 19.742, 83.866
Yxy	62.0956, 0.3547, 0.3677
Android (android.graphics.Color)	4292988074 (0xFFE1CCAA)
YUV	206.4030, -17.9467, 16.3096
Hunter-Lab	78.8007, -2.2156, 19.9038

# Details

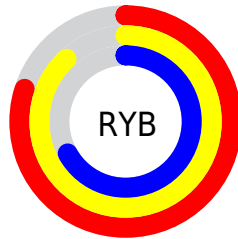
The Hex color **E1CCAA** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **AABFE1**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFE1**, and **A99676** is the 20% darker color. If you saturate the color by 10%, you get **E1C393**, and if you desaturate by 10%, it is **E1D5C1**.

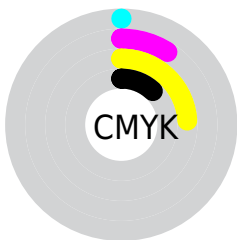
# Distribution



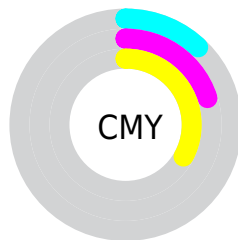
- Red (88%)
- Green (80%)
- Blue (67%)



- Red (80%)
- Yellow (88%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1CCAA 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 E1CCAA by changing the saturation by 10% instead.



 E1CCAA

 E1CCAA

FFFFFF

 C5B18F

 FFFFE1

 A99676

FFFFFFE

 8E7C5D

 746345

 5B4B2F

 433519

 2C2000

 130900

 000000

 E1CCAA

 E1CCAA

 E1C393

 E1D5C1

 E1BB7D

 E1DDD7

 E1B267

 E1E6EE

 E1AA50

 E1EEFF

 E1A139

 E1F7FF

 E19823

 E1FFFF

 E1900D

 E18B00

# Harmonies

## Analogous

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



F0C6B1



E1CCAA



CDD2AD

# Triad

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



E1CCA



9DD9DD



E3C5E5

# Complementary

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



E1CCAA



AABFE1

# 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.



CDCBF0



E1CAA



A3D6EC

# Square

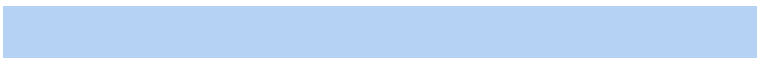
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E1CCAA



A6D9CA



B5D1F3



F2C2D3

# Rectangle

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



E1CCA



BFD5B3



B5D1F3



DCC7E9

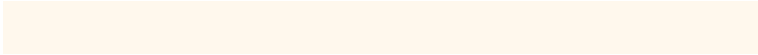


# Sweetspot

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



E1CCAA



FFF8ED



E1AABF



807C75



000000



808080



# Same Dimension

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



E1CCA



FFE3B5



DBE1AA



706C65



B06D00



301E00



# Inverse Universe

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



AABFE1



B5D1FF



B0AAE1



656970



0043B0

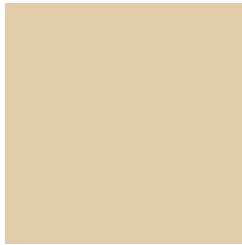


001230



# Previews

## White Background



This preview shows how the Hex color E1CCAA looks on a white background.

## Color Contrast Check

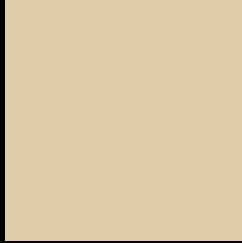
Large Text (above 18pt) WCAG AA × Fail

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 E1CCAA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

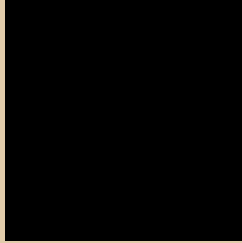
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1CCAA Background



This preview shows how black text looks on a background with the Hex color E1CCAA.

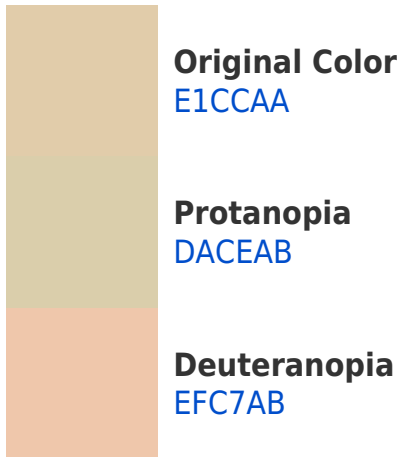


This preview shows how white text looks on a background with the Hex color E1CCAA.

# 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](#).

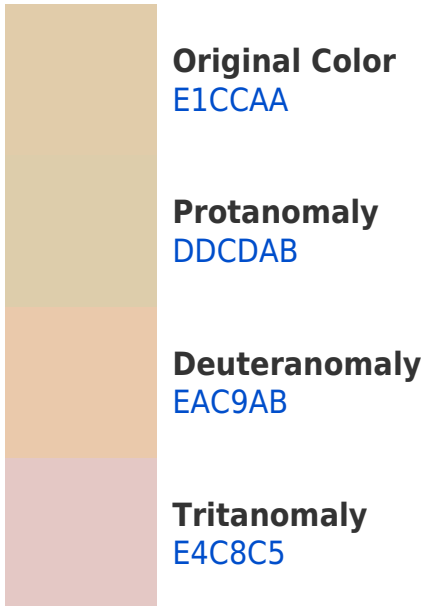
## Dichromacy





**Tritanopia**  
E6C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1CCAA 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 #E1CCAA looks like.

```
.text, #text, p{  
    color:#E1CCAA  
}
```

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 #E1CCAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1CCAA
}
```

## Border

The CSS property to change the border of an element to Hex E1CCAA 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
#E1CCAA }
```

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

```
.border{ border-color:#E1CCAA }
```

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

Here you see how a box with a 4 pixel #E1CCAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1CCAA; -webkit-box-shadow:4px 4px  
4px 4px #E1CCAA; box-shadow:4px 4px 4px  
4px #E1CCAA }
```

# Background

The CSS property to change the background color of an element to Hex E1CCAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1CCAA }
```

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

```
.background{ background-color:#E1CCAA }
```

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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