

# Converting Colors

Hex(E2CAAB)

Have a look what the booklet for  
Hex(E2CAAB) contains.

<b>Hex(E2CAAB)</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(E2CAAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2CAAB
RGB	226, 202, 171
RGB Percent	89%, 79%, 67%
CMY	0.1137, 0.2078, 0.3294
CMYK	0.00, 0.11, 0.24, 0.11
HSL	34°, 49%, 78%
HSV	34°, 24%, 89%
XYZ	59.8352, 61.3501, 47.2162
YIQ	205.6420, 24.2550, -4.5530

# Conversions

## Conversions Part 2

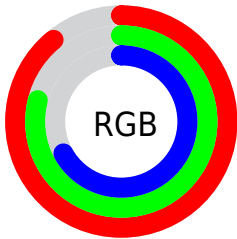
Format	Color
R <sub>Y</sub> B	214, 226, 171
Decimal	14863019
CIE Lab	82.57, 3.67, 18.56
CIE LCh	83, 18.920, 78.818
Yxy	61.3501, 0.3553, 0.3643
Android (android.graphics.Color)	4293053099 (0xFFE2CAAB)
YUV	205.6420, -17.0785, 17.8540
Hunter-Lab	78.3263, -0.7108, 19.0876

# Details

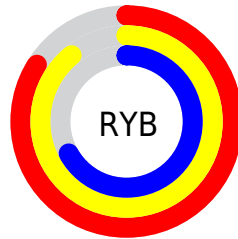
The Hex color **E2CAAB** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **ABC3E2**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFE2**, and **AA9477** is the 20% darker color. If you saturate the color by 10%, you get **E2C094**, and if you desaturate by 10%, it is **E2D4C2**.

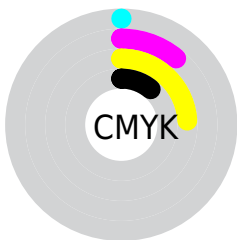
# Distribution



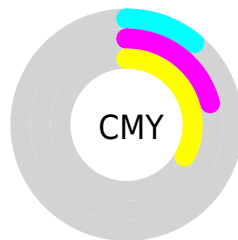
- Red (89%)
- Green (79%)
- Blue (67%)



- Red (84%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2CAAB 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 E2CAAB by changing the saturation by 10% instead.



 E2CAAB

 E2CAAB

FFFFFF

 C6AF90

 FFFFE2

 AA9477

 8F7A5E

 756146

 5C4A2F

 43331A

 2D1E00

 150600

 000000

 E2CAAB

 E2CAAB

 E2C094

 E2D4C2

 E2B67E

 E2DED8

 E2AC67

 E2E8EF

 E2A351

 E2F1FF

 E2993A

 E2FBFF

 E28F23

 E2FFFF

 E2850D

 E27F00

# Harmonies

## Analogous

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



EFC5B3



E2CAAB



D0D0AC

# Triad

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



E2CAAB



9FD8D8



DEC5E5

# Complementary

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



E2CAAB



ABC3E2

# 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.



C8CBEF



E2CAAB



A2D6E8

# Square

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



E2CAAB



A9D7C6



B2D1F0



EDC2D5

# Rectangle

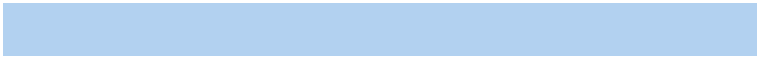
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2CAAB



C2D3B2



B2D1F0



D7C7E9



# Sweetspot

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



E2CAAB



FFF7ED



E2ABC4



807B75



000000



808080



# Same Dimension

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



E2CAAB



FFDFB5



DFE2AB



706B65



B06300



301B00



# Inverse Universe

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



ABC3E2



B5D5FF



AEABE2



656A70



004DB0

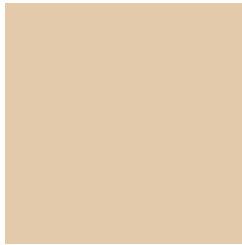


001530



# Previews

## White Background



This preview shows how the Hex color E2CAAB looks on a white background.

## Color Contrast Check

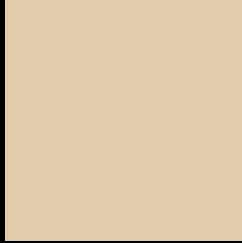
Large Text (above 18pt) WCAG AA × Fail

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 E2CAAB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

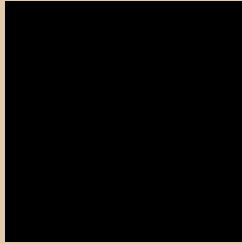
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E2CAAB Background



This preview shows how black text looks on a background with the Hex color E2CAAB.

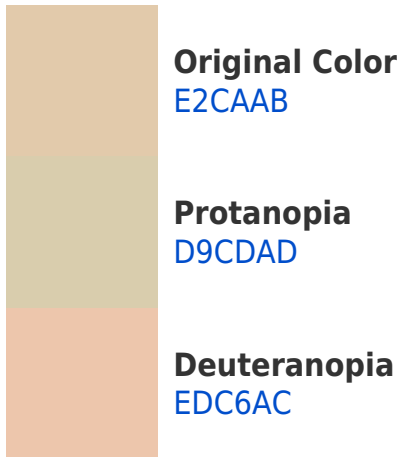


This preview shows how white text looks on a background with the Hex color E2CAAB.

# 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](#).

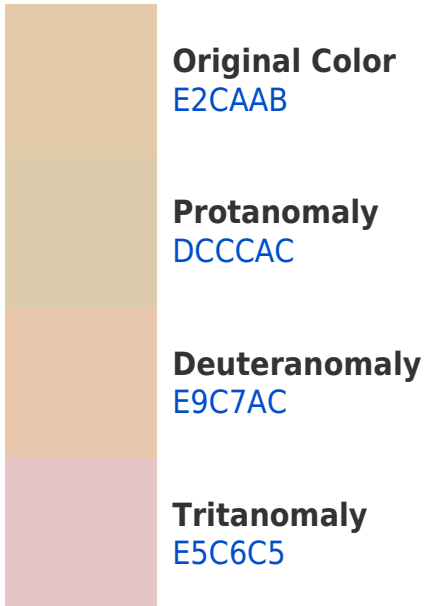
## Dichromacy



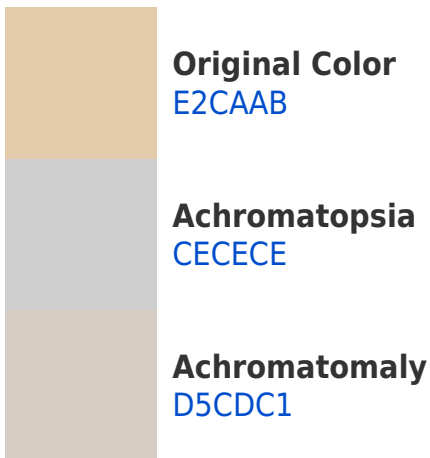


**Tritanopia**  
E7C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2CAAB 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 #E2CAAB looks like.

```
.text, #text, p{  
    color:#E2CAAB  
}
```

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 #E2CAAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2CAAB
}
```

## Border

The CSS property to change the border of an element to Hex E2CAAB 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
#E2CAAB }
```

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

```
.border{ border-color:#E2CAAB }
```

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

Here you see how a box with a 4 pixel #E2CAAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2CAAB; -webkit-box-shadow:4px 4px  
4px 4px #E2CAAB; box-shadow:4px 4px 4px  
4px #E2CAAB }
```

# Background

The CSS property to change the background color of an element to Hex E2CAAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2CAAB }
```

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

```
.background{ background-color:#E2CAAB }
```

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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