

# Converting Colors

Hex(E5CCA3)

Have a look what the booklet for  
Hex(E5CCA3) contains.

<b>Hex(E5CCA3)</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(E5CCA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E5CCA3
RGB	229, 204, 163
RGB Percent	90%, 80%, 64%
CMY	0.1020, 0.2000, 0.3608
CMYK	0.00, 0.11, 0.29, 0.10
HSL	37°, 56%, 77%
HSV	37°, 29%, 90%
XYZ	60.5168, 62.4881, 43.5222
YIQ	206.8010, 28.0610, -7.4510

# Conversions

## Conversions Part 2

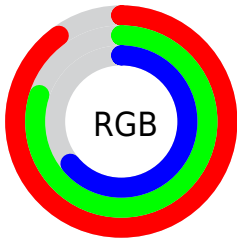
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 229, 163
Decimal	15060131
CIE Lab	83.17, 2.68, 23.66
CIE LCh	83, 23.812, 83.540
Yxy	62.4881, 0.3634, 0.3752
Android (android.graphics.Color)	4293250211 (0xFFE5CCA3)
YUV	206.8010, -21.5939, 19.4685
Hunter-Lab	79.0494, -1.6845, 22.6913

# Details

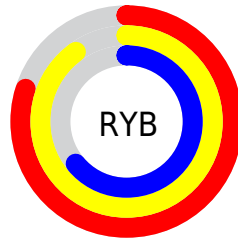
The Hex color **E5CCA3** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A3BCE5**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFDA**, and **AD966F** is the 20% darker color. If you saturate the color by 10%, you get **E5C38C**, and if you desaturate by 10%, it is **E5D5BA**.

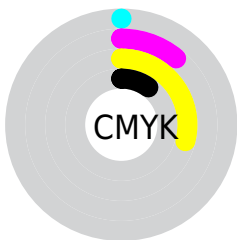
# Distribution



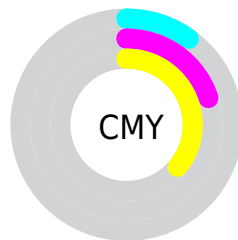
- Red (90%)
- Green (80%)
- Blue (64%)



- Red (80%)
- Yellow (90%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5CCA3 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 E5CCA3 by changing the saturation by 10% instead.



 E5CCA3

 E5CCA3

FFFFFF

 C9B189

 FFFFDA

 AD966F

 FFFFF7

 927C56

 77633F

 5E4C28

 453513

 2E2000

 150900

 000000

 E5CCA3

 E5CCA3

 E5C38C

 E5D5BA

 E5BB75

 E5DDD1

 E5B25E

 E5E6E8

 E5A947

 E5EFFF

 E5A131

 E5F7FF

 E5981A

 E5FFFF

 E58F03

 E58E00

# Harmonies

## Analogous

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



F6C5AC



E5CCA3



CDD3A6

# Triad

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



E5CCA3



91DCE0



E8C4EA

# Complementary

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



E5CCA3



A3BCE5

# 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.



CDCBF8



E5CCA3



98D9F2

# Square

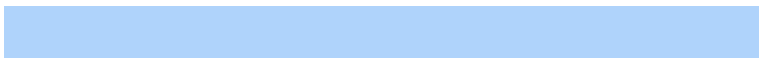
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E5CCA3



9DDCC9



AFD3FB



F9C0D5

# Rectangle

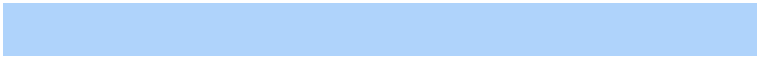
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5CCA3



BCD7AE



AFD3FB



DFC6F0

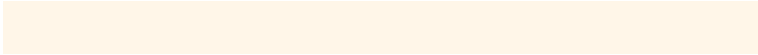


# Sweetspot

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



E5CCA3



FFF6E8



E5A3BC



807A71



000000



808080



# Same Dimension

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



E5CCA3



FFDDA6



DDE5A3



736E67



B36F00



332000



# Inverse Universe

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



A3BCE5



A6C8FF



ABA3E5



676C73



0044B3

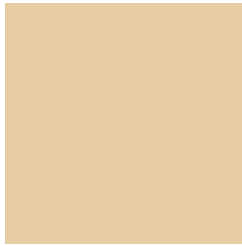


001333



# Previews

## White Background



This preview shows how the Hex color E5CCA3 looks on a white background.

## Color Contrast Check

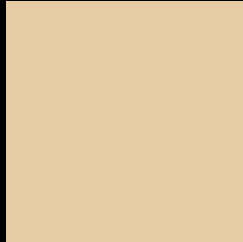
Large Text (above 18pt) WCAG AA × Fail

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 E5CCA3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

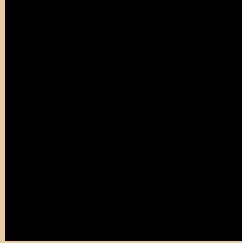
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5CCA3 Background



This preview shows how black text looks on a background with the Hex color E5CCA3.

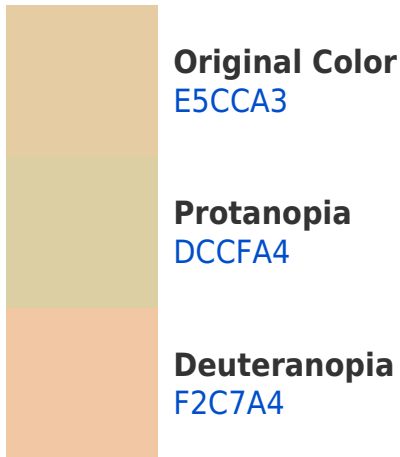


This preview shows how white text looks on a background with the Hex color E5CCA3.

# 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](#).

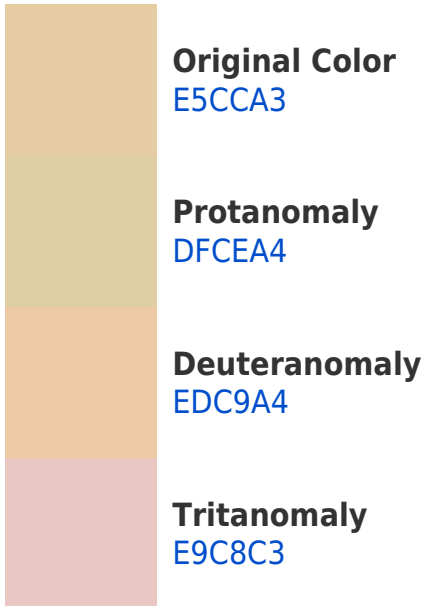
## Dichromacy



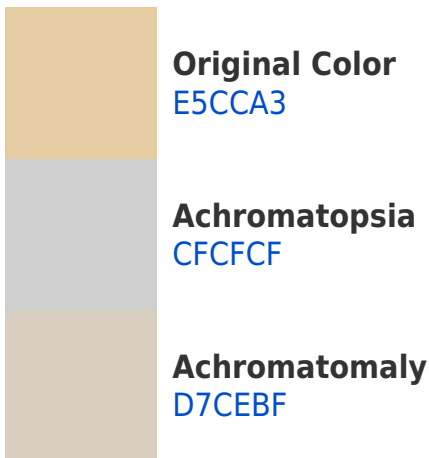


**Tritanopia**  
EBC5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5CCA3 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 #E5CCA3 looks like.

```
.text, #text, p{  
    color:#E5CCA3  
}
```

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 #E5CCA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5CCA3
}
```

## Border

The CSS property to change the border of an element to Hex E5CCA3 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
#E5CCA3 }
```

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

```
.border{ border-color:#E5CCA3 }
```

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

Here you see how a box with a 4 pixel #E5CCA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5CCA3; -webkit-box-shadow:4px 4px  
4px 4px #E5CCA3; box-shadow:4px 4px 4px  
4px #E5CCA3 }
```

# Background

The CSS property to change the background color of an element to Hex E5CCA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5CCA3 }
```

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

```
.background{ background-color:#E5CCA3 }
```

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