

# Converting Colors

Hex(E5D3C7)

Have a look what the booklet for  
Hex(E5D3C7) contains.

<b>Hex(E5D3C7)</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(E5D3C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E5D3C7
RGB	229, 211, 199
RGB Percent	90%, 83%, 78%
CMY	0.1020, 0.1725, 0.2196
CMYK	0.00, 0.08, 0.13, 0.10
HSL	24°, 37%, 84%
HSV	24°, 13%, 90%
XYZ	65.9162, 67.3701, 63.5624
YIQ	215.0140, 14.5800, 0.0840

# Conversions

## Conversions Part 2

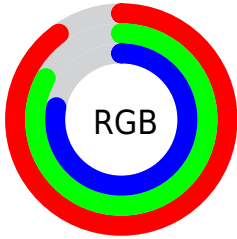
Format	Color
R <sub>Y</sub> B	229, 219, 199
Decimal	15061959
CIE Lab	85.69, 4.25, 8.18
CIE LCh	86, 9.218, 62.510
Yxy	67.3701, 0.3349, 0.3422
Android (android.graphics.Color)	4293252039 (0xFFE5D3C7)
YUV	215.0140, -7.8949, 12.2657
Hunter-Lab	82.0793, -0.2891, 11.5412

# Details

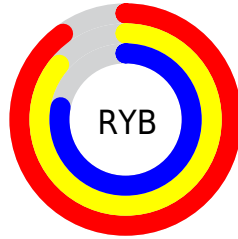
The Hex color **E5D3C7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C7D9E5**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **AD9D91** is the 20% darker color. If you saturate the color by 10%, you get **E5C5B0**, and if you desaturate by 10%, it is **E5E1DE**.

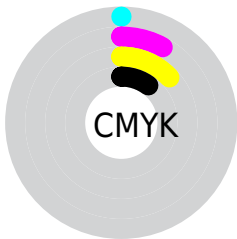
# Distribution



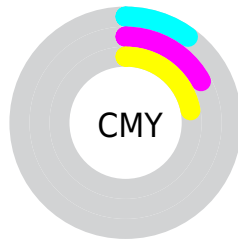
- Red (90%)
- Green (83%)
- Blue (78%)



- Red (90%)
- Yellow (86%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5D3C7 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 E5D3C7 by changing the saturation by 10% instead.



 E5D3C7

FFFFFF

 E5D3C7

 C9B7AC

 AD9D91

 938277

 79695F

 605147

 483A31

 31251C

 1D1001

 000000

 E5D3C7

 E5D3C7

 E5C5B0

 E5E1DE

 E5B899

 E5EEF5

 E5AA82

 E5FCFF

 E59C6B

 E5FFFF

 E58E54

 E5813E

 E57327

 E56510

 E55C00

# Harmonies

## Analogous

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



E9D1CD



E5D3C7



DDD6C5

# Triad

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



E5D3C7



C3DCD7



D9D4E5

# Complementary

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



E5D3C7



C7D9E5

# 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.



CED7E7



E5D3C7



C1DBDF

# Square

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



E5D3C7



C9DBCE



C5D9E5



E3D1DE

# Rectangle

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



E5D3C7



D6D8C6



C5D9E5



D5D5E6



# Sweetspot

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



E5D3C7



FFF9F5



E5C7DA



807C79



000000



808080

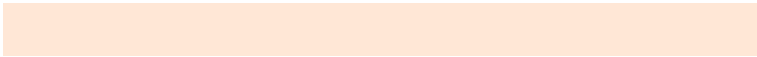


# Same Dimension

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



E5D3C7



FFE7D6



E5E2C7



736C67



B34700



331400

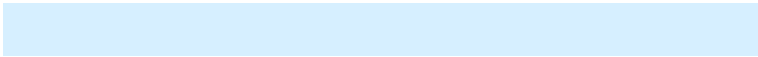


# Inverse Universe

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



C7D9E5



D6EFFF



C7CBE5



676E73



006BB3

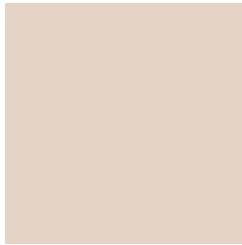


001F33



# Previews

## White Background



This preview shows how the Hex color E5D3C7 looks on a white background.

## Color Contrast Check

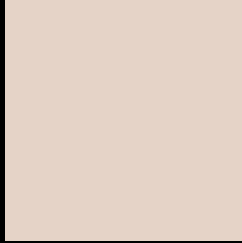
Large Text (above 18pt) WCAG AA × Fail

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 E5D3C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

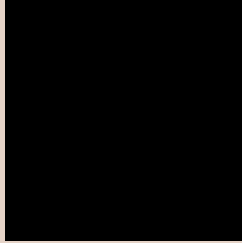
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

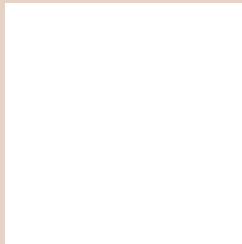
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E5D3C7 Background



This preview shows how black text looks on a background with the Hex color E5D3C7.

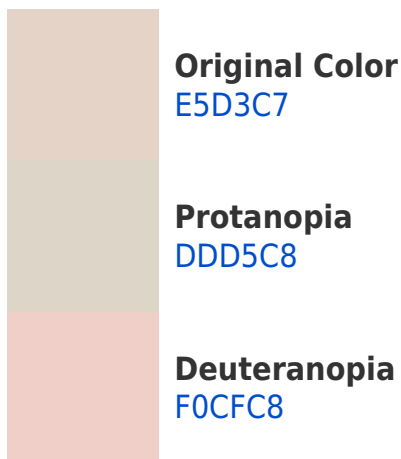


This preview shows how white text looks on a background with the Hex color E5D3C7.

# 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**  
E8CFE0

# Trichromacy



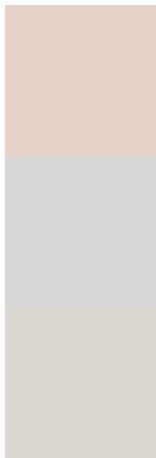
**Original Color**  
E5D3C7

**Protanomaly**  
E0D4C8

**Deuteranomaly**  
ECD0C8

**Tritanomaly**  
E7D0D7

# Monochromacy



**Original Color**  
E5D3C7

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
DCD6D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5D3C7 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 #E5D3C7 looks like.

```
.text, #text, p{  
    color:#E5D3C7  
}
```

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 #E5D3C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5D3C7
}
```

## Border

The CSS property to change the border of an element to Hex E5D3C7 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
#E5D3C7 }
```

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

```
.border{ border-color:#E5D3C7 }
```

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

Here you see how a box with a 4 pixel #E5D3C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5D3C7; -webkit-box-shadow:4px 4px  
4px 4px #E5D3C7; box-shadow:4px 4px 4px  
4px #E5D3C7 }
```

# Background

The CSS property to change the background color of an element to Hex E5D3C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5D3C7 }
```

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

```
.background{ background-color:#E5D3C7 }
```

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