

# Converting Colors

Hex(EBDCC7)

Have a look what the booklet for  
Hex(EBDCC7) contains.

<b>Hex(EBDCC7)</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(EBDCC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBDCC7
RGB	235, 220, 199
RGB Percent	92%, 86%, 78%
CMY	0.0784, 0.1373, 0.2196
CMYK	0.00, 0.06, 0.15, 0.08
HSL	35°, 47%, 85%
HSV	35°, 15%, 92%
XYZ	70.1630, 72.9721, 64.4199
YIQ	222.0910, 15.6810, -3.3510

# Conversions

## Conversions Part 2

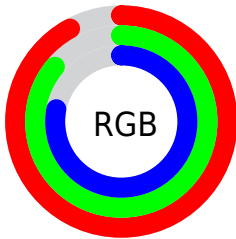
Format	Color
R <sub>Y</sub> B	225, 235, 199
Decimal	15457479
CIE Lab	88.43, 1.74, 12.16
CIE LCh	88, 12.283, 81.879
Yxy	72.9721, 0.3380, 0.3516
Android (android.graphics.Color)	4293647559 (0xFFEBDCC7)
YUV	222.0910, -11.3839, 11.3212
Hunter-Lab	85.4237, -2.8801, 15.0847

# Details

The Hex color **EBDCC7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C7D6EB**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFF**, and **B3A591** is the 20% darker color. If you saturate the color by 10%, you get **EBD2B0**, and if you desaturate by 10%, it is **EBE6DF**.

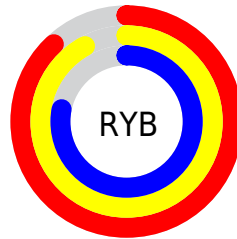
# Distribution



Red (92%)

Green (86%)

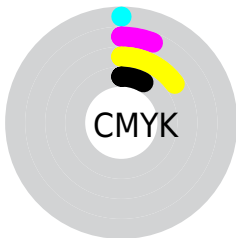
Blue (78%)



Red (88%)

Yellow (92%)

Blue (78%)

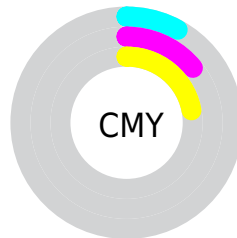


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBDCC7 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 EBDCC7 by changing the saturation by 10% instead.



 EBDCC7

FFFFFF

 EBDCC7

 CFC0AC

 B3A591

 988B77

 7E715F

 655947

 4D4230

 352C1B

 211701

 000000

 EBDCC7

 EBDCC7

 EBD2B0

 EBE6DF

 EBC898

 EBF0F6

 EBBF81

 EBF9FF

 EBB569

 EBFFFF

 EBAB52

 EBA13A

 EB9723

 EB8E0B

 EB8900

# Harmonies

## Analogous

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



F4D8CC



EBDCC7



DEE0C8

# Triad

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



EBDCC7



C1E5E6



EAD8EC

# Complementary

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



EBDCC7



C7D6EB

# 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.



DCDCF4



EBDCC7



C4E3F0

# Square

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



EBDCC7



C6E5DA



CEE0F5



F4D6E2

# Rectangle

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



EBDCC7



D5E2CC



CEE0F5



E6DAEF



# Sweetspot

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



EBDCC7



FFFAF2



EBC7D6



807C78



000000



808080

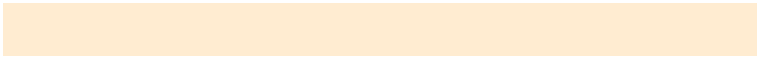


# Same Dimension

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



EBDCC7



FFECD1



E8EBC7



75706A



B56A00



361F00



# Inverse Universe

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



C7D6EB



D1E4FF



CAC7EB



6A6E75



004BB5

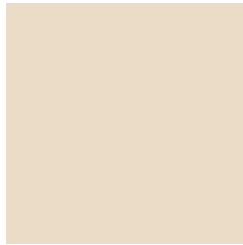


001636



# Previews

## White Background



This preview shows how the Hex color EBDCC7 looks on a white background.

## Color Contrast Check

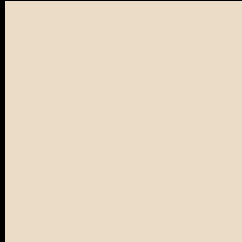
Large Text (above 18pt) WCAG AA × Fail

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 EBDCC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

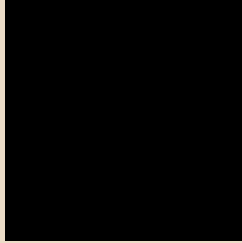
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

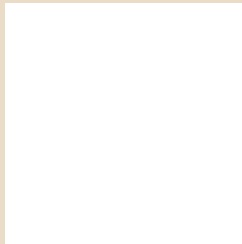
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EBDCC7 Background



This preview shows how black text looks on a background with the Hex color EBDCC7.

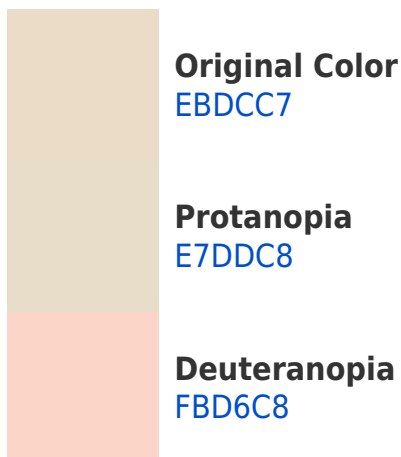


This preview shows how white text looks on a background with the Hex color EBDCC7.

# 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](#).

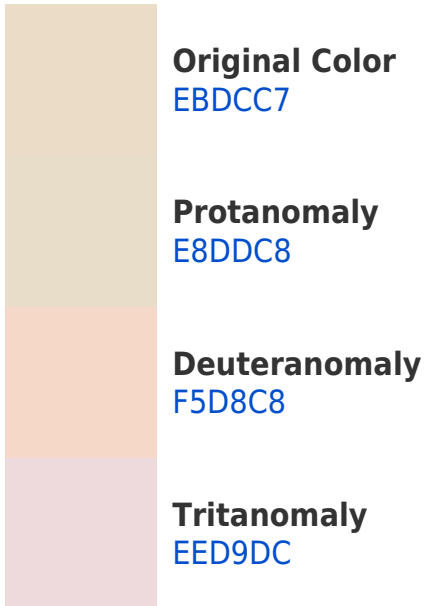
## Dichromacy



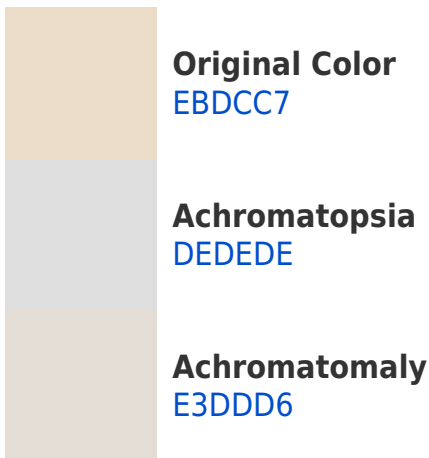


**Tritanopia**  
EFD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBDCC7 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 #EBDCC7 looks like.

```
.text, #text, p{  
    color:#EBDCC7  
}
```

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 #EBDCC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBDCC7  
}
```

## Border

The CSS property to change the border of an element to Hex EBDCC7 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  
#EBDCC7 }
```

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

```
.border{ border-color:#EBDCC7 }
```

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

Here you see how a box with a 4 pixel #EBDCC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBDCC7; -webkit-box-shadow:4px 4px  
4px 4px #EBDCC7; box-shadow:4px 4px 4px  
4px #EBDCC7 }
```

# Background

The CSS property to change the background color of an element to Hex EBDCC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBDCC7 }
```

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

```
.background{ background-color:#EBDCC7 }
```

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