

# Converting Colors

Hex(E7D7C2)

Have a look what the booklet for  
Hex(E7D7C2) contains.

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# **Color**

**Hex(E7D7C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7D7C2
RGB	231, 215, 194
RGB Percent	91%, 84%, 76%
CMY	0.0941, 0.1569, 0.2392
CMYK	0.00, 0.07, 0.16, 0.09
HSL	34°, 44%, 83%
HSV	34°, 16%, 91%
XYZ	66.9930, 69.4848, 60.9199
YIQ	217.3900, 16.2770, -3.1390

# Conversions

## Conversions Part 2

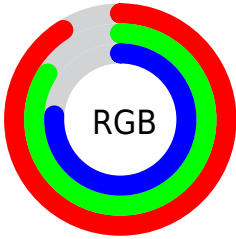
Format	Color
RYB	222, 231, 194
Decimal	15194050
CIELab	86.74, 2.11, 12.34
CIElCh	87, 12.521, 80.285
Yxy	69.4848, 0.3394, 0.3520
Android (android.graphics.Color)	4293384130 (0xFFE7D7C2)
YUV	217.3900, -11.5313, 11.9360
Hunter-Lab	83.3576, -2.4184, 15.0196

# Details

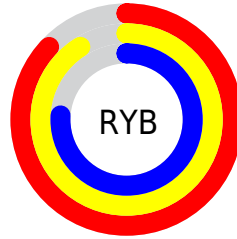
The Hex color **E7D7C2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C2D2E7**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFFB**, and **AFA08C** is the 20% darker color. If you saturate the color by 10%, you get **E7CDAB**, and if you desaturate by 10%, it is **E7E1D9**.

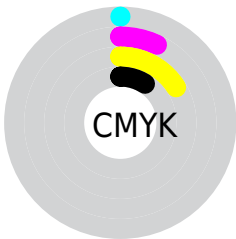
# Distribution



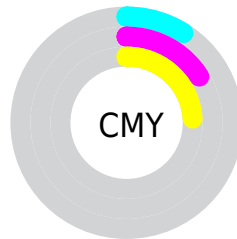
- Red (91%)
- Green (84%)
- Blue (76%)



- Red (87%)
- Yellow (91%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (16%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7D7C2 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 E7D7C2 by changing the saturation by 10% instead.



 E7D7C2

 E7D7C2

FFFFFF

 CBBBA7

 FFFFFB

 AFA08C

 948673

 7A6D5A

 615543

 493E2D

 322818

 1E1300

 000000

 E7D7C2

 E7D7C2

 E7CDAB

 E7E1D9

 E7C394

 E7EBF0

 E7B97D

 E7F5FF

 E7AF66

 E7FFFF

 E7A54E

 E79B37

 E79120

 E78709

 E78300

# Harmonies

## Analogous

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



F0D3C7



E7D7C2



DADBC3

# Triad

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



E7D7C2



BCE0E1



E5D4E8

# Complementary

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



E7D7C2



C2D2E7

# 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.



D7D7EF



E7D7C2



BEDFEB

# Square

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



E7D7C2



C1E0D5



C8DBF0



EFD2DE

# Rectangle

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



E7D7C2



D1DDC7



C8DBF0



E1D5EB



# Sweetspot

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



E7D7C2



FFF9F2



E7C2D2



807C78



000000



808080



# Same Dimension

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



E7D7C2



FFEACF



E5E7C2



736E67



B36500



331D00

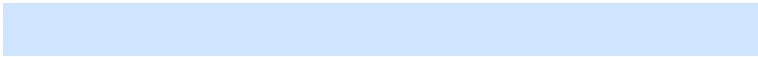


# Inverse Universe

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



C2D2E7



CFE4FF



C4C2E7



676C73



004DB3

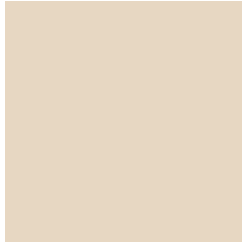


001633



# Previews

## White Background



This preview shows how the Hex color E7D7C2 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 E7D7C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

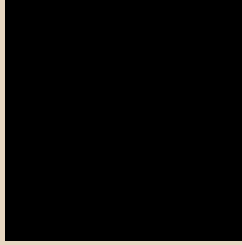
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

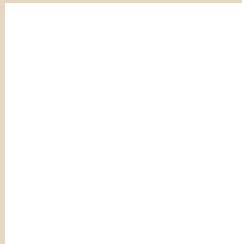
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7D7C2 Background



This preview shows how black text looks on a background with the Hex color E7D7C2.

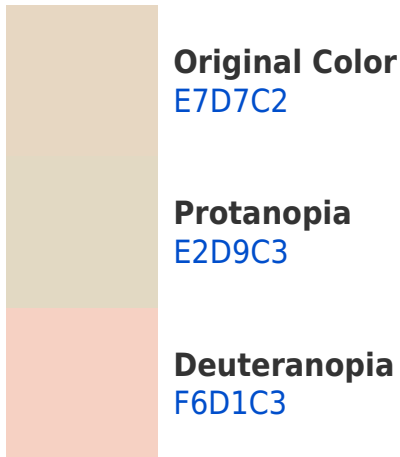


This preview shows how white text looks on a background with the Hex color E7D7C2.

# 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**  
EBD2E3

# Trichromacy



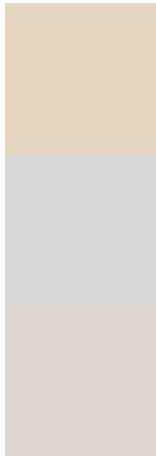
**Original Color**  
E7D7C2

**Protanomaly**  
E4D8C3

**Deuteranomaly**  
F1D3C3

**Tritanomaly**  
EAD4D7

# Monochromacy



**Original Color**  
E7D7C2

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
DED8D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7D7C2 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 #E7D7C2 looks like.

```
.text, #text, p{  
    color:#E7D7C2  
}
```

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 #E7D7C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7D7C2
}
```

## Border

The CSS property to change the border of an element to Hex E7D7C2 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
#E7D7C2 }
```

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

```
.border{ border-color:#E7D7C2 }
```

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

Here you see how a box with a 4 pixel #E7D7C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7D7C2; -webkit-box-shadow:4px 4px  
4px 4px #E7D7C2; box-shadow:4px 4px 4px  
4px #E7D7C2 }
```

# Background

The CSS property to change the background color of an element to Hex E7D7C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7D7C2 }
```

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

```
.background{ background-color:#E7D7C2 }
```

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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