

# Converting Colors

Hex(E0EAD7)

Have a look what the booklet for  
Hex(E0EAD7) contains.

|  |    |
|--|----|
| <b>Hex(E0EAD7)</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(E0EAD7)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | E0EAD7                    |
| RGB         | 224, 234, 215             |
| RGB Percent | 88%, 92%, 84%             |
| CMY         | 0.1216, 0.0824, 0.1569    |
| CMYK        | 0.04, 0.00, 0.08, 0.08    |
| HSL         | 92°, 31%, 88%             |
| HSV         | 92°, 8%, 92%              |
| XYZ         | 72.4290, 79.5992, 75.8367 |
| YIQ         | 228.8440, 0.1390, -8.0290 |

# Conversions

## Conversions Part 2

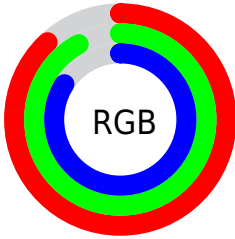
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">215, 234, 225</a>                  |
| Decimal                             | <a href="#">14740183</a>                       |
| CIELab                              | <a href="#">91.50, -6.69, 8.07</a>             |
| CIELCh                              | <a href="#">92, 10.479, 129.644</a>            |
| Yxy                                 | <a href="#">79.5992, 0.3179,<br/>0.3493</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4292930263<br/>(0xFFE0EAD7)</a>    |
| YUV                                 | <a href="#">228.8440, -6.8251,<br/>-4.2482</a> |
| Hunter-Lab                          | <a href="#">89.2184, -11.2228,<br/>12.0556</a> |

# Details

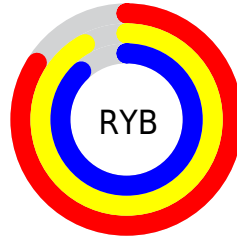
The Hex color **E0EAD7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E1D7EA**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **A9B2A0** is the 20% darker color. If you saturate the color by 10%, you get **D4EAC0**, and if you desaturate by 10%, it is **ECEAEE**.

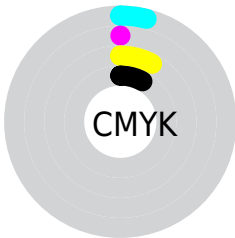
# Distribution



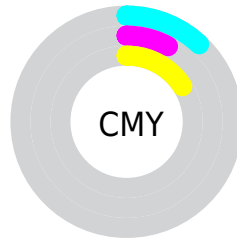
- Red (88%)
- Green (92%)
- Blue (84%)



- Red (84%)
- Yellow (92%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0EAD7 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 E0EAD7 by changing the saturation by 10% instead.



 E0EAD7

FFFFFF

 E0EAD7

 C4CEBB

 A9B2A0

 8E9886

 757E6D

 5C6555

 444D3D

 2E3628

 192113

 000A00

 E0EAD7

 E0EAD7

 D4EAC0

 ECEAEE

 C7EAA8

 F9EAFF

 BBEA91

 FFEAFF

 AFEA79

 A2EA62

 96EA4B

 8AEA33

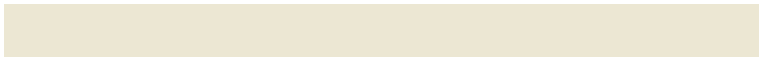
 7DEA1C

 71EA04

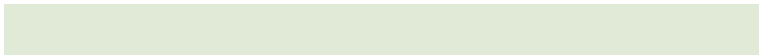
# Harmonies

## Analogous

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



ECE7D3



E0EAD7



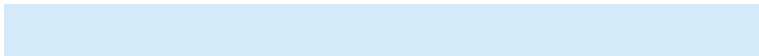
D5ECDF

# Triad

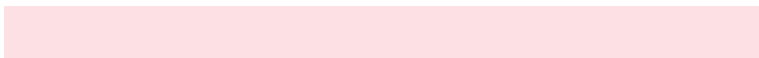
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E0EAD7



D5EAF9



FCE0E4

# Complementary

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



E0EAD7



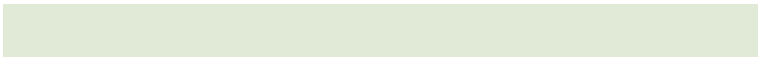
E1D7EA

# 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.



F7E1EE



E0EAD7



E0E6FA

# Square

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



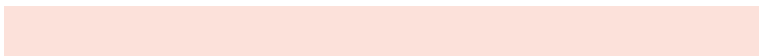
E0EAD7



CFECF3



EDE3F6



FCE1DA

# Rectangle

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



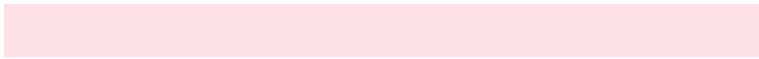
E0EAD7



D0EDE6



EDE3F6



FBE0E7



# Sweetspot

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



E0EAD7



FCFFFA



EAE1D7



7E807D



000000



808080

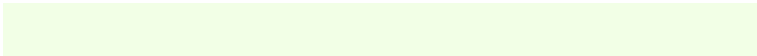


# Same Dimension

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



E0EAD7



F2FFE6



D7EAD7



6F756A



56B500



193600



# Inverse Universe

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



E1D7EA



F3E6FF



EAD7EA



706A75



5F00B5

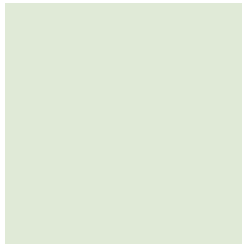


1C0036



# Previews

## White Background



This preview shows how the Hex color E0EAD7 looks on a white background.

## Color Contrast Check

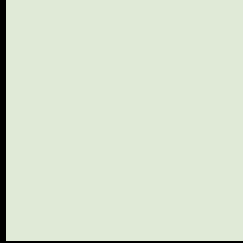
Large Text (above 18pt) WCAG AA × Fail

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 E0EAD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

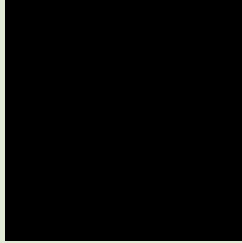
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

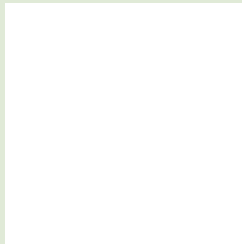
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0EAD7 Background



This preview shows how black text looks on a background with the Hex color E0EAD7.

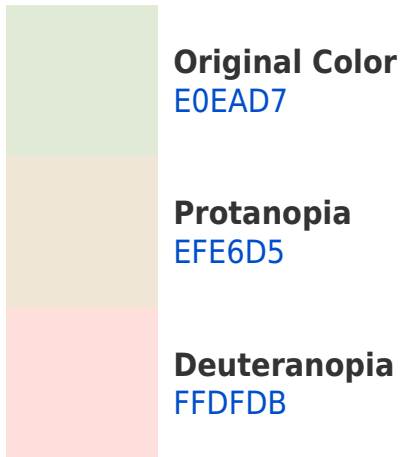


This preview shows how white text looks on a background with the Hex color E0EAD7.

# 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](#).

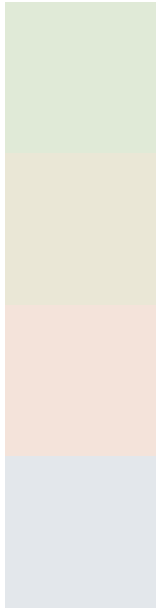
## Dichromacy





**Tritanopia**  
E5E5F7

# Trichromacy



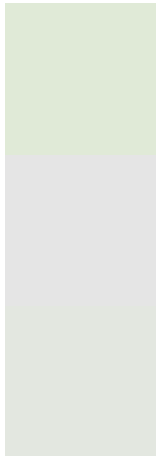
**Original Color**  
E0EAD7

**Protanomaly**  
EAE7D6

**Deuteranomaly**  
F4E3DA

**Tritanomaly**  
E3E7EB

# Monochromacy



**Original Color**  
E0EAD7

**Achromatopsia**  
E5E5E5

**Achromatomaly**  
E3E7E0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0EAD7 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 #E0EAD7 looks like.

```
.text, #text, p{  
    color:#E0EAD7  
}
```

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 #E0EAD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0EAD7  
}
```

## Border

The CSS property to change the border of an element to Hex E0EAD7 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  
#E0EAD7 }
```

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

```
.border{ border-color:#E0EAD7 }
```

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

Here you see how a box with a 4 pixel #E0EAD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0EAD7; -webkit-box-shadow:4px 4px  
4px 4px #E0EAD7; box-shadow:4px 4px 4px  
4px #E0EAD7 }
```

# Background

The CSS property to change the background color of an element to Hex E0EAD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0EAD7 }
```

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

```
.background{ background-color:#E0EAD7 }
```

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