

# Converting Colors

Hex(E3E0B5)

Have a look what the booklet for  
Hex(E3E0B5) contains.

|  |    |
|--|----|
| <b>Hex(E3E0B5)</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(E3E0B5)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E3E0B5                      |
| RGB         | 227, 224, 181               |
| RGB Percent | 89%, 88%, 71%               |
| CMY         | 0.1098, 0.1216, 0.2902      |
| CMYK        | 0.00, 0.01, 0.20, 0.11      |
| HSL         | 56°, 45%, 80%               |
| HSV         | 56°, 20%, 89%               |
| XYZ         | 66.6747, 72.9784, 54.2882   |
| YIQ         | 219.9950, 15.5910, -12.7370 |

# Conversions

## Conversions Part 2

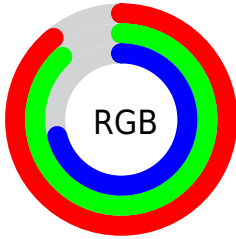
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 184, 227, 181                 |
| Decimal                             | 14934197                      |
| CIELab                              | 88.44, -5.89, 21.47           |
| CIELCh                              | 88, 22.268, 105.349           |
| Yxy                                 | 72.9784, 0.3438,<br>0.3763    |
| Android<br>(android.graphics.Color) | 4293124277<br>(0xFFE3E0B5)    |
| YUV                                 | 219.9950, -19.2245,<br>6.1434 |
| Hunter-Lab                          | 85.4274, -10.1816,<br>22.1210 |

# Details

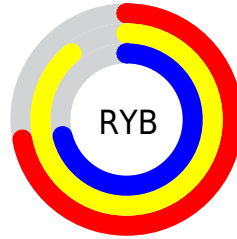
The Hex color **E3E0B5** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B5B8E3**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFED**, and **ABA980** is the 20% darker color. If you saturate the color by 10%, you get **E3DF9E**, and if you desaturate by 10%, it is **E3E1CC**.

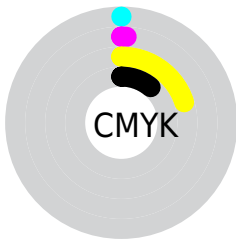
# Distribution



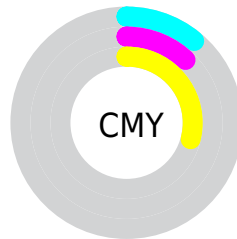
- Red (89%)
- Green (88%)
- Blue (71%)



- Red (72%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3E0B5 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 E3E0B5 by changing the saturation by 10% instead.



 E3E0B5

 E3E0B5

FFFFFF

 C7C49A

 FFFFED

 ABA980

 908E67

 76754E

 5D5C37

 454521

 2E2F0C

 191A00

 000000

 E3E0B5

 E3E0B5

 E3DF9E

 E3E1CC

 E3DD88

 E3E3E2

 E3DC71

 E3E4F9

 E3DA5A

 E3E6FF

 E3D944

 E3E7FF

 E3D72D

 E3E9FF

 E3D616

 E3EAFF

 E3D400

 E3ECFF

 E3EDFF

# Harmonies

## Analogous

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



F8D9B5



E3E0B5



CBE6C0

# Triad

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



E3E0B5



A8E8FB



FFD0E9

# Complementary

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



E3E0B5



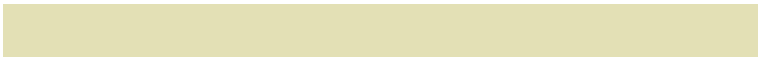
B5B8E3

# Split Complementary

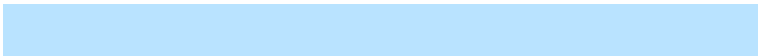
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFD5FC



E3E0B5



B9E3FF

# Square

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



E3E0B5



A6EAE8



D4DCFF



FFCFD4

# Rectangle

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



E3E0B5



BBE9CC



D4DCFF



FDD1F0



# Sweetspot

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



E3E0B5



FFFEF0



E3B5B8



807F77



000000



808080



# Same Dimension

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



E3E0B5



FFFBC2



CFE3B5



737267



B3A700



333000



# Inverse Universe

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



B5B8E3



C2C6FF



C9B5E3



676873



000CB3

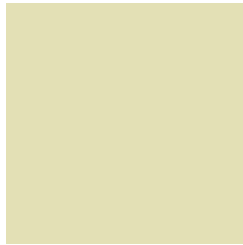


000333



# Previews

## White Background



This preview shows how the Hex color E3E0B5 looks on a white background.

## Color Contrast Check

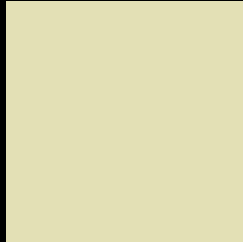
Large Text (above 18pt) WCAG AA × Fail

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 E3E0B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

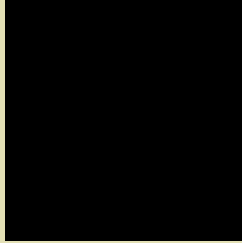
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

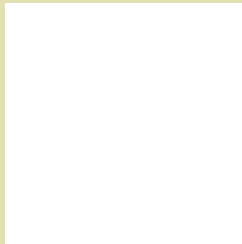
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3E0B5 Background



This preview shows how black text looks on a background with the Hex color E3E0B5.

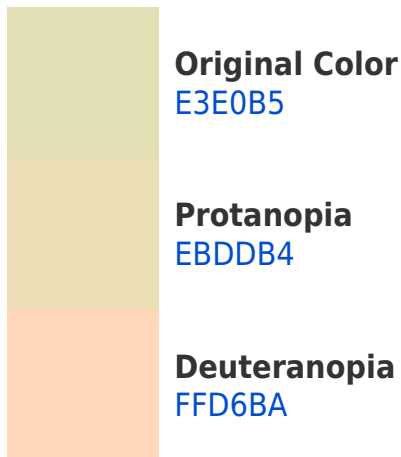


This preview shows how white text looks on a background with the Hex color E3E0B5.

# 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](#).

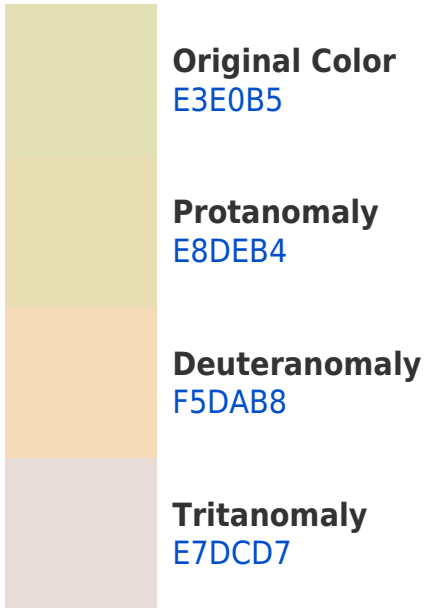
## Dichromacy



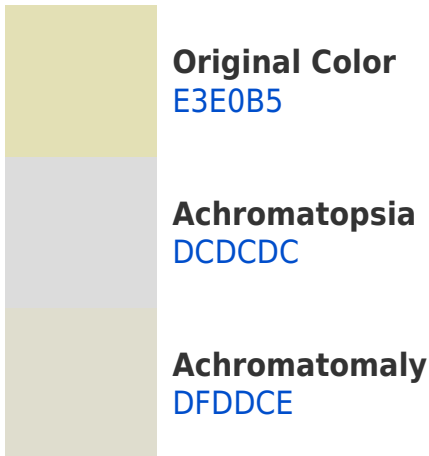


**Tritanopia**  
EAD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3E0B5 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 #E3E0B5 looks like.

```
.text, #text, p{  
    color:#E3E0B5  
}
```

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 #E3E0B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3E0B5
}
```

## Border

The CSS property to change the border of an element to Hex E3E0B5 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
#E3E0B5 }
```

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

```
.border{ border-color:#E3E0B5 }
```

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

Here you see how a box with a 4 pixel #E3E0B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3E0B5; -webkit-box-shadow:4px 4px  
4px 4px #E3E0B5; box-shadow:4px 4px 4px  
4px #E3E0B5 }
```

# Background

The CSS property to change the background color of an element to Hex E3E0B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3E0B5 }
```

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

```
.background{ background-color:#E3E0B5 }
```

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