

# Converting Colors

Hex(E0ECD0)

Have a look what the booklet for  
Hex(E0ECD0) contains.

<b>Hex(E0ECD0)</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(E0ECD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0ECD0
RGB	224, 236, 208
RGB Percent	88%, 93%, 82%
CMY	0.1216, 0.0745, 0.1843
CMYK	0.05, 0.00, 0.12, 0.07
HSL	86°, 42%, 87%
HSV	86°, 12%, 93%
XYZ	72.1211, 80.3923, 71.3906
YIQ	229.2200, 1.8360, -11.2520

# Conversions

## Conversions Part 2

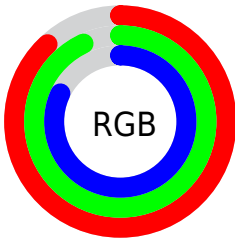
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 236, 220
Decimal	14740688
CIE <sub>Lab</sub>	91.86, -8.87, 12.22
CIE <sub>LCh</sub>	92, 15.096, 125.973
Yxy	80.3923, 0.3221, 0.3590
Android (android.graphics.Color)	4292930768 (0xFFE0ECD0)
YUV	229.2200, -10.4615, -4.5779
Hunter-Lab	89.6617, -13.3282, 15.5553

# Details

The Hex color **E0ECD0** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **DCD0EC**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **A9B49A** is the 20% darker color. If you saturate the color by 10%, you get **D6ECB8**, and if you desaturate by 10%, it is **EAECE8**.

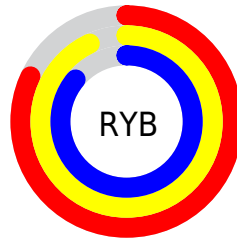
# Distribution



Red (88%)

Green (93%)

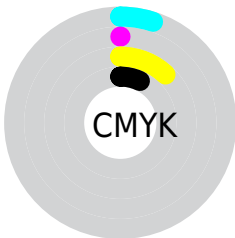
Blue (82%)



Red (82%)

Yellow (93%)

Blue (86%)

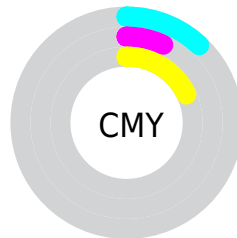


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (7%)



Cyan (12%)

Magenta (7%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0ECD0 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 E0ECD0 by changing the saturation by 10% instead.



 E0ECD0

FFFFFF

 E0ECD0

 C4D0B4

 A9B49A

 8E9980

 757F67

 5C664E

 444E38

 2E3822

 19220C

 000D00

 E0ECD0

 E0ECD0

 D6ECB8

 EAECE8

 CCECA1

 F4ECFF

 C2EC89

 FEECFF

 B8EC72

 FFECFF

 ADEC5A

 A3EC42

 99EC2B

 8FEC13

 87EC00

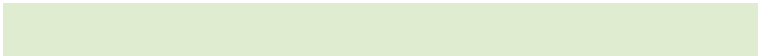
# Harmonies

## Analogous

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



F1E8CB



E0ECD0



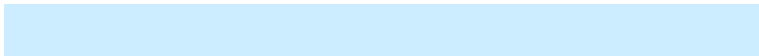
D0EFDB

# Triad

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



E0ECD0



CCECFF



FFDEE5

# Complementary

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



E0ECD0



DCD0EC

# 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.



FDDFF4



E0ECD0



DCE8FF

# Square

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



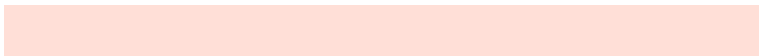
E0ECD0



C3EFF8



EEE3FF



FFDFD7

# Rectangle

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



E0ECD0



C8F0E5



EEE3FF



FFDEEA



# Sweetspot

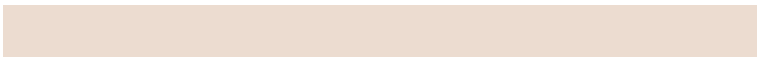
The Sweet Spot groups the original color and five complimentary colors.



E0ECD0



FBFFF5



ECDCD0



7D8079



000000



808080

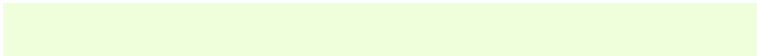


# Same Dimension

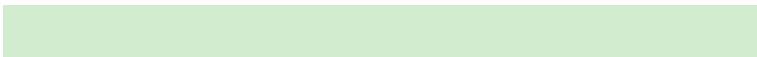
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E0ECD0



F0FFDB



D2ECD0



70756A



67B500



1F3600



# Inverse Universe

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



DCD0EC



EBDBFF



EAD0EC



6F6A75



4E00B5

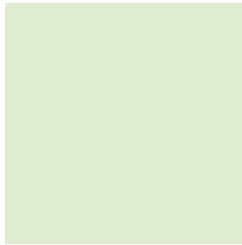


170036



# Previews

## White Background



This preview shows how the Hex color E0ECD0 looks on a white background.

## Color Contrast Check

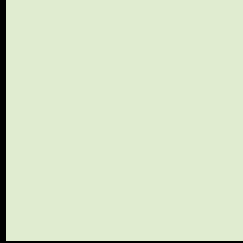
Large Text (above 18pt) WCAG AA × Fail

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 E0ECD0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

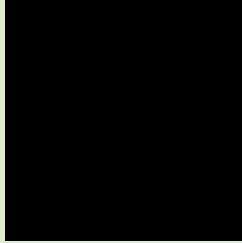
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

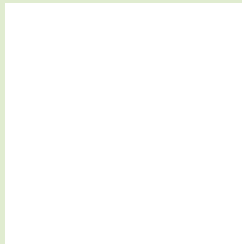
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0ECD0 Background



This preview shows how black text looks on a background with the Hex color E0ECD0.

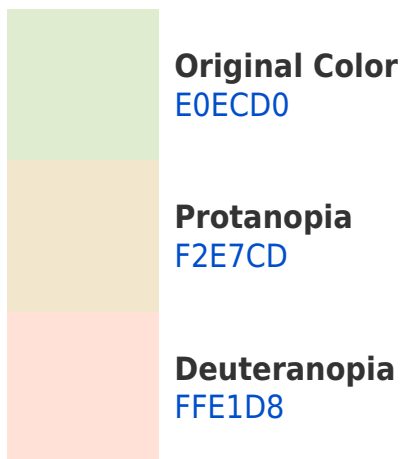


This preview shows how white text looks on a background with the Hex color E0ECD0.

# 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](#).

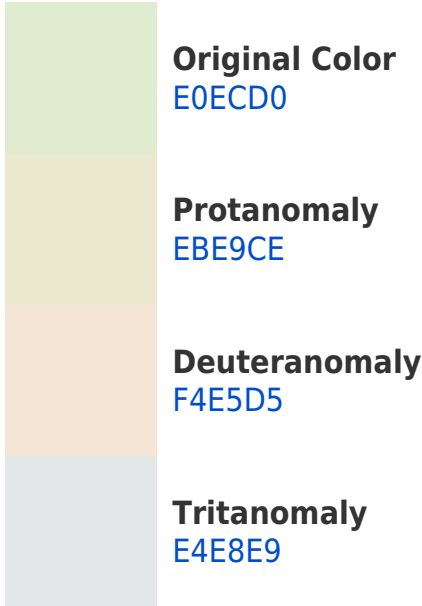
## Dichromacy



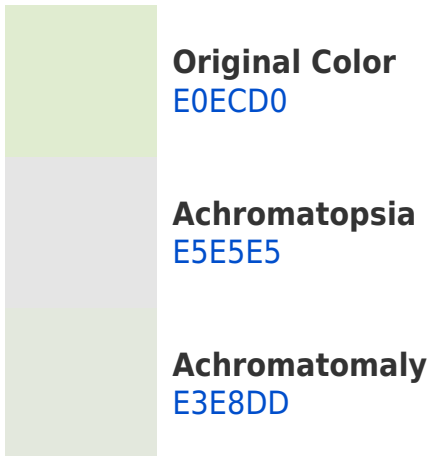


**Tritanopia**  
E6E6F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0ECD0 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 #E0ECD0 looks like.

```
.text, #text, p{  
    color:#E0ECD0  
}
```

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 #E0ECD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0ECD0
}
```

## Border

The CSS property to change the border of an element to Hex E0ECD0 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
#E0ECD0 }
```

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

```
.border{ border-color:#E0ECD0 }
```

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

Here you see how a box with a 4 pixel #E0ECD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0ECD0; -webkit-box-shadow:4px 4px  
4px 4px #E0ECD0; box-shadow:4px 4px 4px  
4px #E0ECD0 }
```

# Background

The CSS property to change the background color of an element to Hex E0ECD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0ECD0 }
```

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

```
.background{ background-color:#E0ECD0 }
```

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