

# Converting Colors

Hex(E7ECDF)

Have a look what the booklet for  
Hex(E7ECDF) contains.

<b>Hex(E7ECDF)</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(E7ECDF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7ECDF
RGB	231, 236, 223
RGB Percent	91%, 93%, 87%
CMY	0.0941, 0.0745, 0.1255
CMYK	0.02, 0.00, 0.06, 0.07
HSL	83°, 25%, 90%
HSV	83°, 6%, 93%
XYZ	76.2697, 82.3075, 81.6791
YIQ	233.0230, 1.1930, -5.1030

# Conversions

## Conversions Part 2

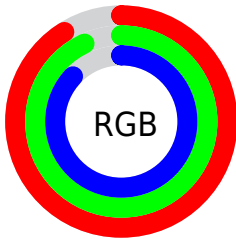
Format	Color
<a href="#">RYB</a>	<a href="#">223, 236, 228</a>
Decimal	<a href="#">15199455</a>
CIELab	<a href="#">92.71, -3.95, 5.71</a>
CIElCh	<a href="#">93, 6.940, 124.679</a>
Yxy	<a href="#">82.3075, 0.3175, 0.3426</a>
Android (android.graphics.Color)	<a href="#">4293389535</a> ( <a href="#">0xFFE7ECDF</a> )
YUV	<a href="#">233.0230, -4.9413, -1.7742</a>
Hunter-Lab	<a href="#">90.7235, -8.7042, 10.1272</a>

# Details

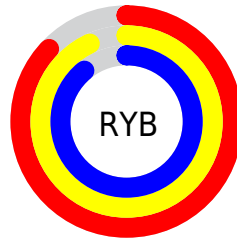
The Hex color **E7ECDF** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E4DFEC**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **AFB4A8** is the 20% darker color. If you saturate the color by 10%, you get **DEECC7**, and if you desaturate by 10%, it is **F0ECF7**.

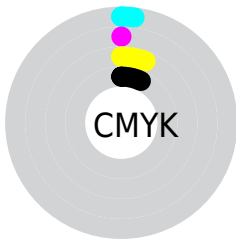
# Distribution



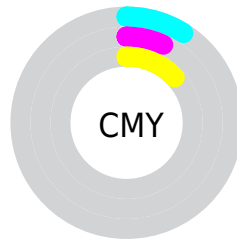
- Red (91%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7ECDF 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 E7ECDF by changing the saturation by 10% instead.



 E7ECDF

FFFFFF

 E7ECDF

 CBD0C3

 AFB4A8

 95998D

 7B8074

 62665B

 4A4F44

 34382E

 1F2219

 050C00

 E7ECDF

 E7ECDF

 DEECC7

 F0ECF7

 D5ECB0

 F9ECFF

 CCEC98

 FFECFF

 C3EC81

 BAEC69

 B1EC51

 A7EC3A

 9EEC22

 95EC0B

# Harmonies

## Analogous

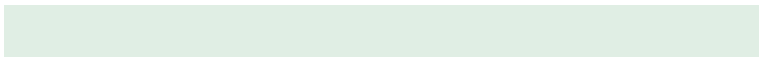
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EFEADD



E7ECDF



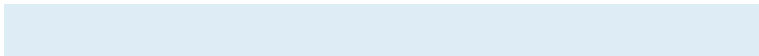
E0EEE4

# Triad

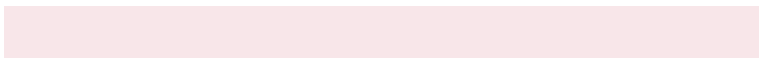
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E7ECDF



DEECF6



F8E6E9

# Complementary

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



E7ECDF



E4DFEC

# 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.



F4E6F0



E7ECDF



E5EAF7

# Square

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



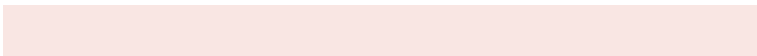
E7ECDF



DAEEF1



EDE8F5



F9E6E3

# Rectangle

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



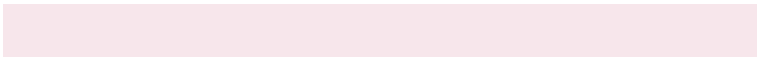
E7ECD F



DCEEE 9



EDE8F 5



F7E6E B



# Sweetspot

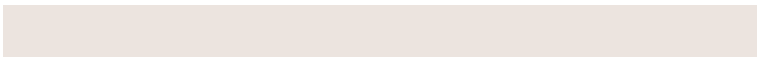
The Sweet Spot groups the original color and five complimentary colors.



E7ECD F



FDFFFA



ECE4DF



7F807D



000000



808080



# Same Dimension

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



E7ECDF



F8FFED



E1ECDF



72756C



6FB500



213600



# Inverse Universe

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



E4DFEC



F4EDFF



EADFEC



706C75



4600B5

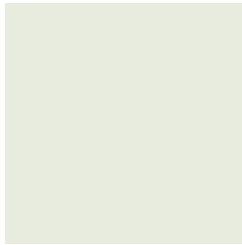


150036



# Previews

## White Background



This preview shows how the Hex color E7ECDF looks on a white background.

## Color Contrast Check

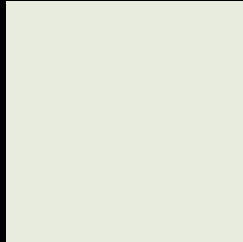
Large Text (above 18pt) WCAG AA × Fail

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 E7ECDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

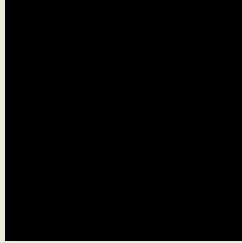
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

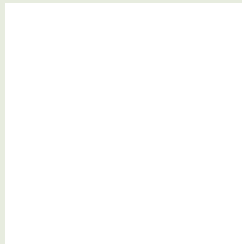
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7ECDF Background



This preview shows how black text looks on a background with the Hex color E7ECDF.

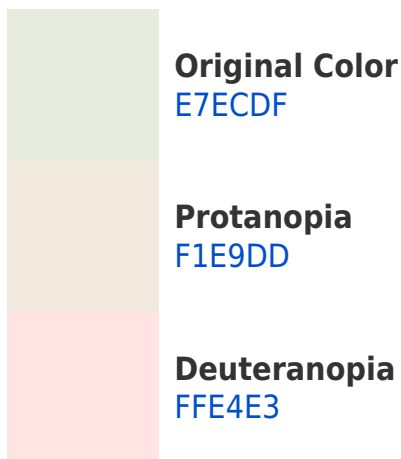


This preview shows how white text looks on a background with the Hex color E7ECDF.

# 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](#).

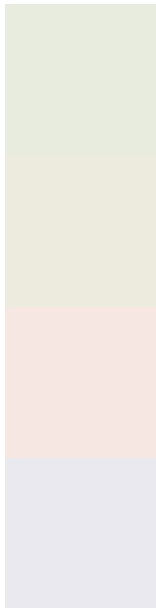
## Dichromacy





**Tritanopia**  
EBE8FA

# Trichromacy



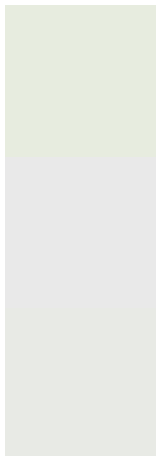
**Original Color**  
E7ECDF

**Protanomaly**  
EDEADE

**Deuteranomaly**  
F6E7E2

**Tritanomaly**  
EAE9F0

# Monochromacy



**Original Color**  
E7ECDF

**Achromatopsia**  
E9E9E9

**Achromatomaly**  
E8EAE5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7ECDF 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 #E7ECDF looks like.

```
.text, #text, p{  
    color:#E7ECDF  
}
```

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 #E7ECDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7ECDF
}
```

## Border

The CSS property to change the border of an element to Hex E7ECDF 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
#E7ECDF }
```

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

```
.border{ border-color:#E7ECDF }
```

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

Here you see how a box with a 4 pixel #E7ECDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7ECDF; -webkit-box-shadow:4px 4px  
4px 4px #E7ECDF; box-shadow:4px 4px 4px  
4px #E7ECDF }
```

# Background

The CSS property to change the background color of an element to Hex E7ECDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7ECDF }
```

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

```
.background{ background-color:#E7ECDF }
```

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