

# Converting Colors

Hex(ECE5D8)

Have a look what the booklet for  
Hex(ECE5D8) contains.

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# **Color**

**Hex(ECE5D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE5D8
RGB	236, 229, 216
RGB Percent	93%, 90%, 85%
CMY	0.0745, 0.1020, 0.1529
CMYK	0.00, 0.03, 0.08, 0.07
HSL	39°, 34%, 89%
HSV	39°, 8%, 93%
XYZ	75.0061, 78.8294, 76.2281
YIQ	229.6110, 8.3450, -2.5590

# Conversions

## Conversions Part 2

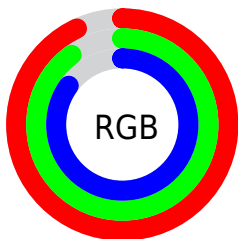
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">227, 236, 216</a>
Decimal	<a href="#">15525336</a>
CIELab	<a href="#">91.16, 0.17, 7.16</a>
CIELCh	<a href="#">91, 7.167, 88.668</a>
Yxy	<a href="#">78.8294, 0.3260, 0.3426</a>
Android (android.graphics.Color)	<a href="#">4293715416</a> ( <a href="#">0xFFECE5D8</a> )
YUV	<a href="#">229.6110, -6.7102, 5.6032</a>
Hunter-Lab	<a href="#">88.7859, -4.5791, 11.2461</a>

# Details

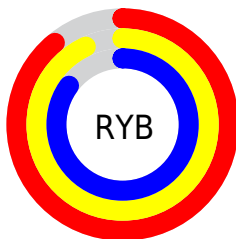
The Hex color **ECE5D8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **D8DFEC**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **B4AEA1** is the 20% darker color. If you saturate the color by 10%, you get **ECDDC0**, and if you desaturate by 10%, it is **ECEDF0**.

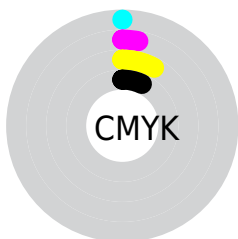
# Distribution



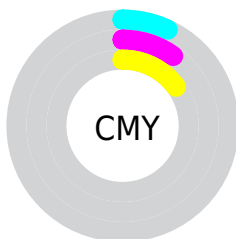
- Red (93%)
- Green (90%)
- Blue (85%)



- Red (89%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECE5D8 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 ECE5D8 by changing the saturation by 10% instead.



 ECE5D8

FFFFFF

 ECE5D8

 D0C9BC

 B4AEA1

 999387

 7F796E

 666155

 4E493E

 373228

 221D14

 070400

 ECE5D8

 ECE5D8

 ECDDC0

 ECEDF0

 ECD4A9

 ECF6FF

 ECCC91

 ECFEFF

 ECC47A

 ECFFFF

 ECBC62

 ECB34A

 ECAB33

 ECA31B

 EC9B04

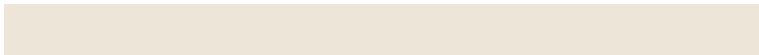
# Harmonies

## Analogous

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



F2E3DA



ECE5D8



E4E7DA

# Triad

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



ECE5D8



D5EAEC



EFE2ED

# Complementary

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



ECE5D8



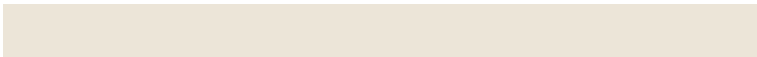
D8DFEC

# 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.



E7E4F2



ECE5D8



D8E8F1

# Square

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



ECE5D8



D7EAE5



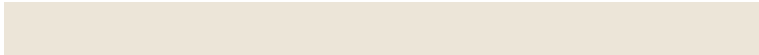
DEE6F3



F4E1E6

# Rectangle

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



ECE5D8



DFE8DC



DEE6F3



ECE3EF

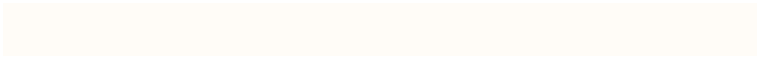


# Sweetspot

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



ECE5D8



FFFCF7



ECD8DF



807E7A



000000



808080

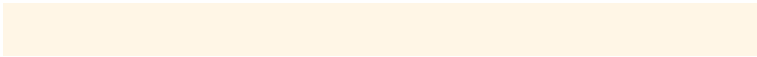


# Same Dimension

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



ECE5D8



FFF6E6



E9ECD8



75716A



B57600



362300

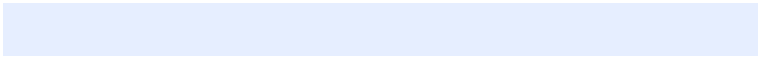


# Inverse Universe

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



D8DFEC



E6EEFF



DBD8EC



6A6E75



003FB5

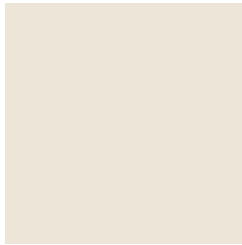


001336



# Previews

## White Background



This preview shows how the Hex color ECE5D8 looks on a white background.

## Color Contrast Check

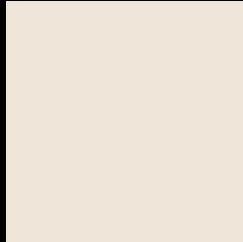
Large Text (above 18pt) WCAG AA × Fail

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 ECE5D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

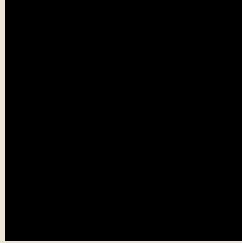
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

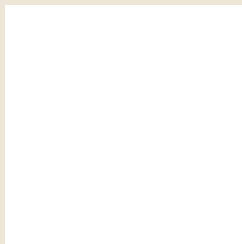
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ECE5D8 Background



This preview shows how black text looks on a background with the Hex color ECE5D8.

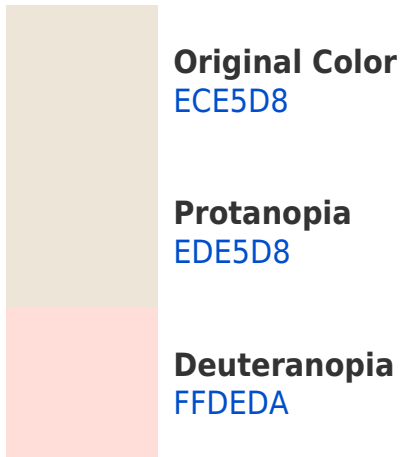


This preview shows how white text looks on a background with the Hex color ECE5D8.

# 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](#).

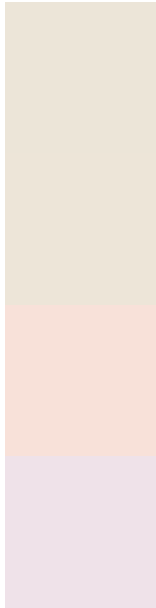
## Dichromacy





**Tritanopia**  
F0E1F3

# Trichromacy



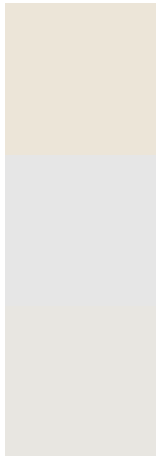
**Original Color**  
ECE5D8

**Protanomaly**  
EDE5D8

**Deuteranomaly**  
F8E1D9

**Tritanomaly**  
EFE2E9

# Monochromacy



**Original Color**  
ECE5D8

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E8E6E1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECE5D8 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 #ECE5D8 looks like.

```
.text, #text, p{  
    color:#ECE5D8  
}
```

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 #ECE5D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECE5D8 }  
}
```

## Border

The CSS property to change the border of an element to Hex ECE5D8 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 #ECE5D8 }  
}
```

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

```
.border{ border-color:#ECE5D8 }
```

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

Here you see how a box with a 4 pixel #ECE5D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECE5D8; -webkit-box-shadow:4px 4px  
4px 4px #ECE5D8; box-shadow:4px 4px 4px  
4px #ECE5D8 }
```

# Background

The CSS property to change the background color of an element to Hex ECE5D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECE5D8 }
```

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

```
.background{ background-color:#ECE5D8 }
```

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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