

# Converting Colors

Hex(ECE9D3)

Have a look what the booklet for  
Hex(ECE9D3) contains.

<b>Hex(ECE9D3)</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(ECE9D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE9D3
RGB	236, 233, 211
RGB Percent	93%, 91%, 83%
CMY	0.0745, 0.0863, 0.1725
CMYK	0.00, 0.01, 0.11, 0.07
HSL	53°, 40%, 88%
HSV	53°, 11%, 93%
XYZ	75.4889, 80.8138, 73.2480
YIQ	231.3890, 8.8500, -6.2060

# Conversions

## Conversions Part 2

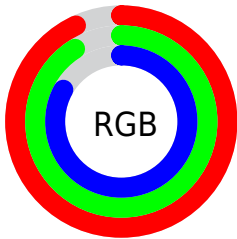
Format	Color
<a href="#">RYB</a>	<a href="#">214, 236, 211</a>
Decimal	<a href="#">15526355</a>
CIELab	<a href="#">92.05, -2.69, 11.05</a>
CIELCh	<a href="#">92, 11.370, 103.675</a>
Yxy	<a href="#">80.8138, 0.3289, 0.3521</a>
Android (android.graphics.Color)	<a href="#">4293716435 (0xFFECE9D3)</a>
YUV	<a href="#">231.3890, -10.0518, 4.0438</a>
Hunter-Lab	<a href="#">89.8965, -7.4270, 14.6179</a>

# Details

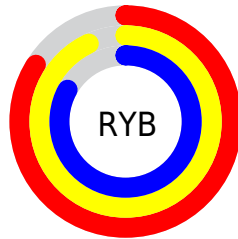
The Hex color **ECE9D3** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **D3D6EC**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **B4B19C** is the 20% darker color. If you saturate the color by 10%, you get **ECE6BB**, and if you desaturate by 10%, it is **ECECEB**.

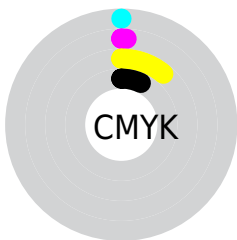
# Distribution



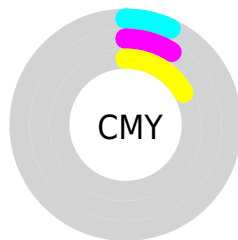
- Red (93%)
- Green (91%)
- Blue (83%)



- Red (84%)
- Yellow (93%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECE9D3 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 ECE9D3 by changing the saturation by 10% instead.



 ECE9D3

 ECE9D3

FFFFFF

 D0CDB7

 B4B19C

 999782

 7F7D69

 666451

 4E4C3A

 373524

 212010

 050900

 ECE9D3

 ECE9D3

 ECE6BB

 ECECEB

 ECE3A4

 ECEFFF

 ECE18C

 ECF1FF

 ECDE75

 ECF4FF

 ECDB5D

 ECF7FF

 ECD845

 ECFAFF

 ECD52E

 ECFDFE

 ECD216

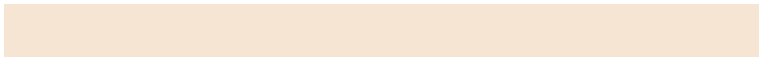
 ECFEFC

 ECD000

# Harmonies

## Analogous

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



F7E5D3



ECE9D3



DFECD8

# Triad

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



ECE9D3



CFEEF7



FBE1EF

# Complementary

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



ECE9D3



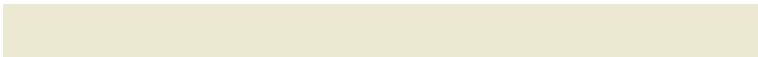
D3D6EC

# Split Complementary

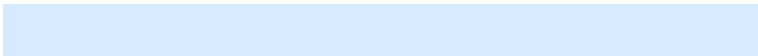
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F0E4F8



ECE9D3



D6EBFD

# Square

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



ECE9D3



CEEFED



E3E7FD



FFE1E3

# Rectangle

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



ECE9D3



D7EEDE



E3E7FD



F8E2F2

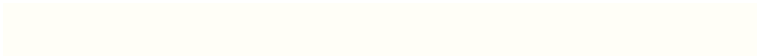


# Sweetspot

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



ECE9D3



FFFEF7



ECD3D6



807F7A



000000



808080

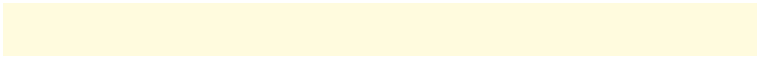


# Same Dimension

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



ECE9D3



FFBDE



E3ECD3



75746A



B59F00



362F00



# Inverse Universe

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



D3D6EC



DEE2FF



DCD3EC



6A6B75



0016B5

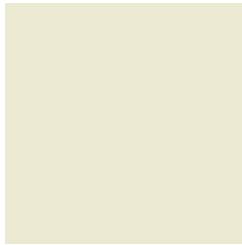


000636



# Previews

## White Background



This preview shows how the Hex color ECE9D3 looks on a white background.

## Color Contrast Check

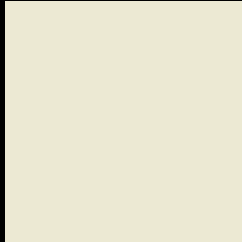
Large Text (above 18pt) WCAG AA × Fail

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 ECE9D3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

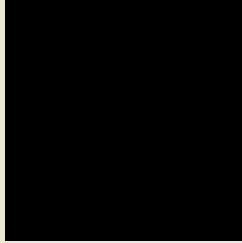
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

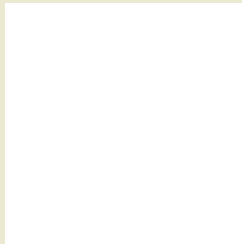
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ECE9D3 Background



This preview shows how black text looks on a background with the Hex color ECE9D3.

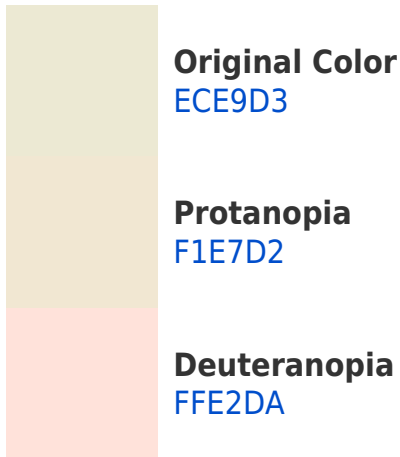


This preview shows how white text looks on a background with the Hex color ECE9D3.

# 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](#).

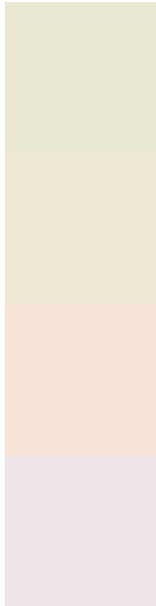
## Dichromacy





**Tritanopia**  
F1E4F6

# Trichromacy



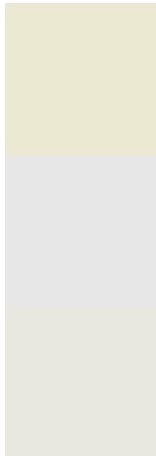
**Original Color**  
ECE9D3

**Protanomaly**  
EFE8D2

**Deuteranomaly**  
F8E5D7

**Tritanomaly**  
EFE6E9

# Monochromacy



**Original Color**  
ECE9D3

**Achromatopsia**  
E7E7E7

**Achromatomaly**  
E9E8E0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECE9D3 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 #ECE9D3 looks like.

```
.text, #text, p{  
    color:#ECE9D3  
}
```

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 #ECE9D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECE9D3
}
```

## Border

The CSS property to change the border of an element to Hex ECE9D3 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
#ECE9D3 }
```

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

```
.border{ border-color:#ECE9D3 }
```

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

Here you see how a box with a 4 pixel #ECE9D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECE9D3; -webkit-box-shadow:4px 4px  
4px 4px #ECE9D3; box-shadow:4px 4px 4px  
4px #ECE9D3 }
```

# Background

The CSS property to change the background color of an element to Hex ECE9D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECE9D3 }
```

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

```
.background{ background-color:#ECE9D3 }
```

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