

# Converting Colors

Hex(ECDCE7)

Have a look what the booklet for  
Hex(ECDCE7) contains.

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# **Color**

**Hex(ECDCE7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ECDCE7
RGB	236, 220, 231
RGB Percent	93%, 86%, 91%
CMY	0.0745, 0.1373, 0.0941
CMYK	0.00, 0.07, 0.02, 0.07
HSL	319°, 30%, 89%
HSV	319°, 7%, 93%
XYZ	74.6091, 74.7888, 86.1047
YIQ	226.0380, 6.0050, 6.8130

# Conversions

## Conversions Part 2

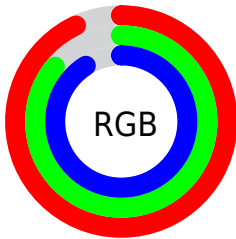
Format	Color
R <sub>Y</sub> B	236, 220, 231
Decimal	15523047
CIE Lab	89.29, 7.38, -3.41
CIE LCh	89, 8.129, 335.216
Yxy	74.7888, 0.3168, 0.3176
Android (android.graphics.Color)	4293713127 (0xFFECDCE7)
YUV	226.0380, 2.4463, 8.7367
Hunter-Lab	86.4805, 2.6559, 1.5040

# Details

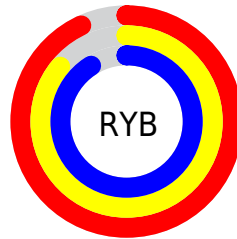
The Hex color `ECDCE7` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `DCECE1`, and the grayscale version is `E2E2E2`.

A 20% lighter version of the original color is `FFFFFF`, and `B4A5AF` is the 20% darker color. If you saturate the color by 10%, you get `ECC4E0`, and if you desaturate by 10%, it is `ECF4EE`.

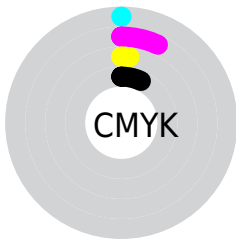
# Distribution



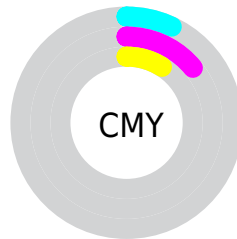
- Red (93%)
- Green (86%)
- Blue (91%)



- Red (93%)
- Yellow (86%)
- Blue (91%)



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



- Cyan (7%)
- Magenta (14%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECDCE7 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 ECDCE7 by changing the saturation by 10% instead.



 ECDCE7

 ECDCE7

FFFFFF

 D0C0CB

 B4A5AF

 998B95

 7F717B

 665962

 4E414A

 372B34

 22171F

 090006

 ECDCE7

 ECDCE7

 ECC4E0

 ECF4EE

 ECADD8

 ECFFF6

 EC95D1

 ECFFFD

 EC7EC9

 ECFFFF

 EC66C2

 EC4EBB

 EC37B3

 EC1FAC

 EC08A5

# Harmonies

## Analogous

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



E4DEED



ECDCE7



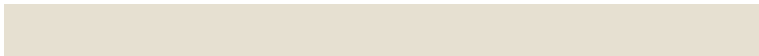
F1DBDF

# Triad

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



ECDCE7



E6E0D1



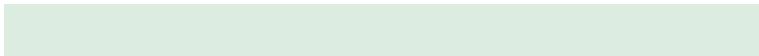
CEE5E9

# Complementary

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



ECDCE7



DCECE1

# 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.



CFE5E1



ECDCE7



DDE3D4

# Square

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



ECDCE7



EDDED2



D4E4DA



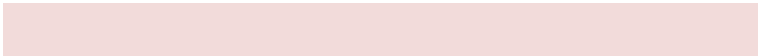
D2E3EE

# Rectangle

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



ECDCE7



F2DBDA



D4E4DA



CEE5E7

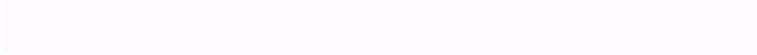


# Sweetspot

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



ECDCE7



FFFAFD



E1DCEC



807D7F



000000



808080



# Same Dimension

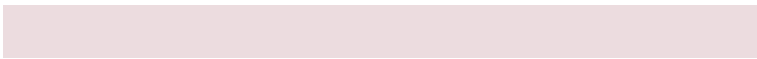
The Same Dimension uses a secret algorithm to generate beautiful new colors.



ECDCE7



FFEBF9



ECDCDF



756A72



B5007C



360025



# Inverse Universe

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



ECDCE7



FFEBF9



DCECE9



756A72



B5007C

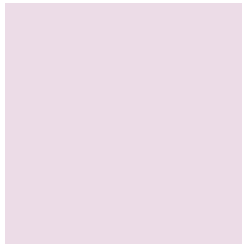


360025



# Previews

## White Background



This preview shows how the Hex color ECDCE7 looks on a white background.

## Color Contrast Check

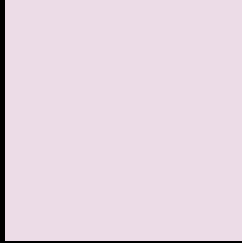
Large Text (above 18pt) WCAG AA × Fail

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 ECDCE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

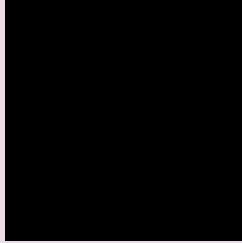
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

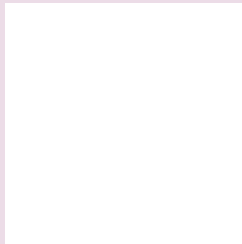
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ECDCE7 Background



This preview shows how black text looks on a background with the Hex color ECDCE7.

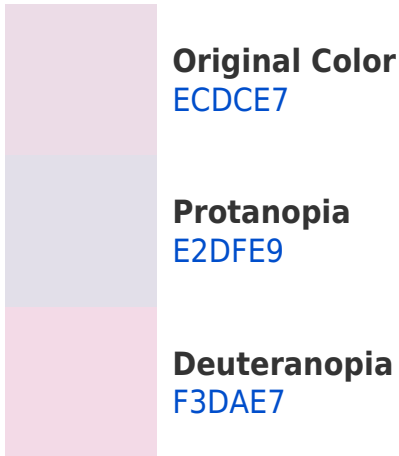


This preview shows how white text looks on a background with the Hex color ECDCE7.

# Color Blindness Simulation

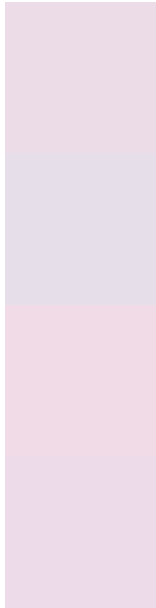
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



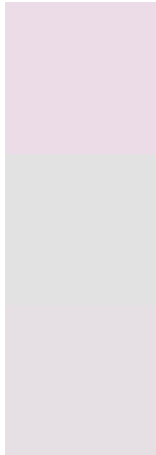
**Original Color**  
ECDCE7

**Protanomaly**  
E6DEE8

**Deuteranomaly**  
F0DBE7

**Tritanomaly**  
EDDBEA

# Monochromacy



**Original Color**  
ECDCE7

**Achromatopsia**  
E2E2E2

**Achromatomaly**  
E6E0E4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECDCE7 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 #ECDCE7 looks like.

```
.text, #text, p{  
    color:#ECDCE7  
}
```

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 #ECDCE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECDCE7  
}
```

## Border

The CSS property to change the border of an element to Hex ECDCE7 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  
#ECDCE7 }
```

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

```
.border{ border-color:#ECDCE7 }
```

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

Here you see how a box with a 4 pixel #ECDCE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECDCE7; -webkit-box-shadow:4px 4px  
4px 4px #ECDCE7; box-shadow:4px 4px 4px  
4px #ECDCE7 }
```

# Background

The CSS property to change the background color of an element to Hex ECDCE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECDCE7 }
```

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

```
.background{ background-color:#ECDCE7 }
```

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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