

# Converting Colors

Hex(EBDEE9)

Have a look what the booklet for  
Hex(EBDEE9) contains.

<b>Hex(EBDEE9)</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(EBDEE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBDEE9
RGB	235, 222, 233
RGB Percent	92%, 87%, 91%
CMY	0.0784, 0.1294, 0.0863
CMYK	0.00, 0.06, 0.01, 0.08
HSL	309°, 25%, 90%
HSV	309°, 6%, 92%
XYZ	75.0902, 75.7879, 87.7616
YIQ	227.1410, 4.2170, 6.1770

# Conversions

## Conversions Part 2

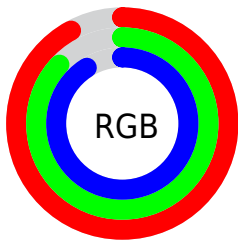
Format	Color
R <sub>Y</sub> B	235, 222, 233
Decimal	15458025
CIE Lab	89.76, 6.36, -3.78
CIE LCh	90, 7.397, 329.254
Yxy	75.7879, 0.3147, 0.3176
Android (android.graphics.Color)	4293648105 (0xFFEBDEE9)
YUV	227.1410, 2.8885, 6.8923
Hunter-Lab	87.0563, 1.6164, 1.1690

# Details

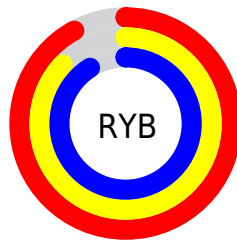
The Hex color **EBDDE9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **DEEBE0**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **B3A7B1** is the 20% darker color. If you saturate the color by 10%, you get **EBC7E5**, and if you desaturate by 10%, it is **EBF6ED**.

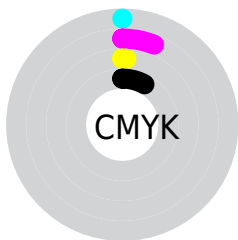
# Distribution



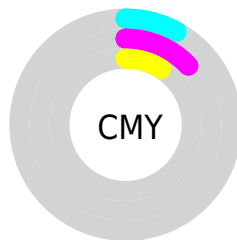
- Red (92%)
- Green (87%)
- Blue (91%)



- Red (92%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBDEE9 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 EBDEE9 by changing the saturation by 10% instead.



 EBDEE9

FFFFFF

 EBDEE9

 CFC2CD

 B3A7B1

 988D97

 7F737D

 665A64

 4E434C

 372D35

 211820

 0A0008

 EBDEE9

 EBDEE9

 EBC7E5

 EBF6ED

 EBAFE2

 EBFFF0

 EB98DE

 EBFFF4

 EB80DB

 EBFFF7

 EB69D7

 EBFFFF

 EB51D3

 EBFFFF

 EB3AD0

 EB22CC

 EB0BC8

# Harmonies

## Analogous

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



E3E0EE



EBDEE9



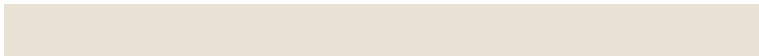
F0DDE2

# Triad

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



EBDEE9



E8E1D4



D1E6E8

# Complementary

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



EBDEE9



DEEBE0

# 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.



D2E6E1



EBDEE9



E0E3D5

# Square

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



EBDEE9



EEDFD6



D8E5DA



D4E4EE

# Rectangle

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



EBDEE9



F1DDDD



D8E5DA



D1E6E6



# Sweetspot

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



EBDEE9



FFFAFE



E0DEEB



807D7F



000000



808080



# Same Dimension

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



EBDEE9



FFEDFC



EBDEE3



756C74



B50099



36002D



# Inverse Universe

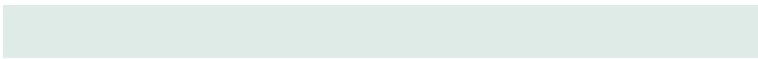
The Inverse Universe completely reimagines the original color for something new.



EBDEE9



FFEDFC



DEEBE6



756C74



B50099

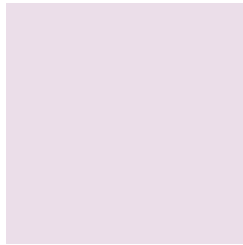


36002D



# Previews

## White Background



This preview shows how the Hex color EBDEE9 looks on a white background.

## Color Contrast Check

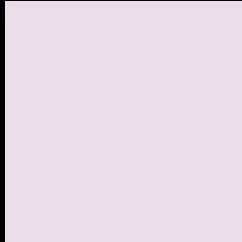
Large Text (above 18pt) WCAG AA × Fail

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 EBDEE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

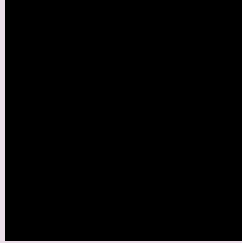
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

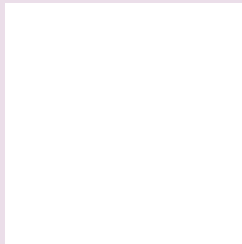
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EBDEE9 Background



This preview shows how black text looks on a background with the Hex color EBDEE9.



This preview shows how white text looks on a background with the Hex color EBDEE9.

# Color Blindness Simulation

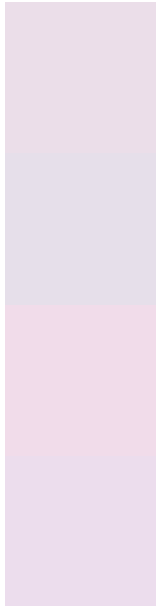
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



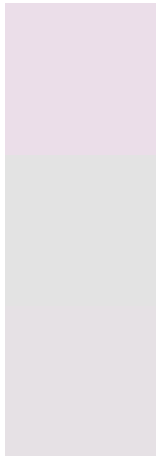
**Original Color**  
EBDEE9

**Protanomaly**  
E6DFEA

**Deuteranomaly**  
F1DCEA

**Tritanomaly**  
ECDDed

# Monochromacy



**Original Color**  
EBDEE9

**Achromatopsia**  
E3E3E3

**Achromatomaly**  
E6E1E5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBDEE9 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 #EBDEE9 looks like.

```
.text, #text, p{  
    color:#EBDEE9  
}
```

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 #EBDEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBDEE9
}
```

## Border

The CSS property to change the border of an element to Hex EBDEE9 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
#EBDEE9 }
```

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

```
.border{ border-color:#EBDEE9 }
```

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

Here you see how a box with a 4 pixel #EBDEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBDEE9; -webkit-box-shadow:4px 4px  
4px 4px #EBDEE9; box-shadow:4px 4px 4px  
4px #EBDEE9 }
```

# Background

The CSS property to change the background color of an element to Hex EBDEE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBDEE9 }
```

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

```
.background{ background-color:#EBDEE9 }
```

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