

# Converting Colors

Hex(EBE0E8)

Have a look what the booklet for  
Hex(EBE0E8) contains.

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# **Color**

**Hex(EBE0E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBE0E8
RGB	235, 224, 232
RGB Percent	92%, 88%, 91%
CMY	0.0784, 0.1216, 0.0902
CMYK	0.00, 0.05, 0.01, 0.08
HSL	316°, 22%, 90%
HSV	316°, 5%, 92%
XYZ	75.4821, 76.7997, 87.1894
YIQ	228.2010, 3.9880, 4.8200

# Conversions

## Conversions Part 2

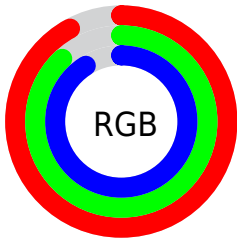
Format	Color
R <sub>YB</sub>	235, 224, 232
Decimal	15458536
CIE Lab	90.23, 5.14, -2.57
CIE LCh	90, 5.747, 333.452
Yxy	76.7997, 0.3152, 0.3207
Android (android.graphics.Color)	4293648616 (0xFFEBE0E8)
YUV	228.2010, 1.8729, 5.9627
Hunter-Lab	87.6354, 0.3835, 2.3565

# Details

The Hex color **EBE0E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E0EBE3**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFFF**, and **B3A9B0** is the 20% darker color. If you saturate the color by 10%, you get **EBC9E2**, and if you desaturate by 10%, it is **EBF8EE**.

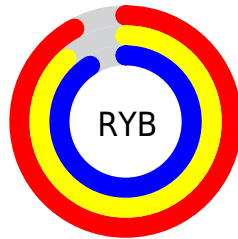
# Distribution



Red (92%)

Green (88%)

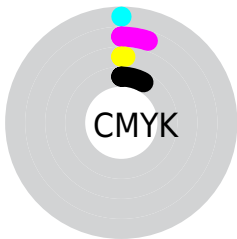
Blue (91%)



Red (92%)

Yellow (88%)

Blue (91%)

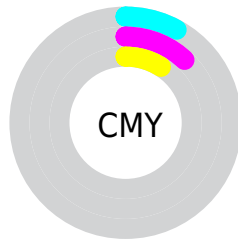


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBE0E8 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 EBE0E8 by changing the saturation by 10% instead.



 EBE0E8

FFFFFF

 EBE0E8

 CFC4CC

 B3A9B0

 988E96

 7F757C

 665C63

 4E454B

 372E35

 211A1F

 0B0007

 EBE0E8

 EBE0E8

 EBC9E2

 EBF8EE

 EBB1DB

 EBFFF5

 EB9AD5

 EBFFFFB

 EB82CE

 EBFFFFF

 EB6BC8

 EB53C2

 EB3CBB

 EB24B5

 EB0DAE

# Harmonies

## Analogous

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



E5E1EC



EBE0E8



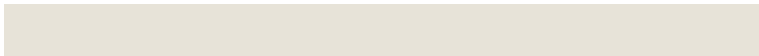
EFD FE3

# Triad

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



EBE0E8



E7E3D8



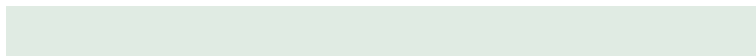
D6E6E9

# Complementary

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



EBE0E8



E0EBE3

# 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.



D7E6E3



EBE0E8



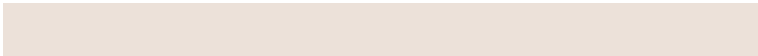
E1E5DA

# Square

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



EBE0E8



ECE1D9



DBE6DE



D9E5ED

# Rectangle

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



EBE0E8



EFE0DF



DBE6DE



D6E6E7



# Sweetspot

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



EBE0E8



FFFCFE



E3E0EB



807E7F



000000



808080



# Same Dimension

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



EBE0E8



FFF0FB



EBE0E3



756D73



B50084



360027



# Inverse Universe

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



EBE0E8



FFF0FB



E0EBE8



756D73



B50084

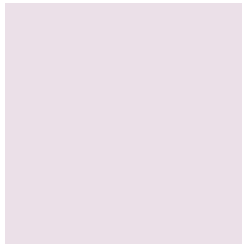


360027



# Previews

## White Background



This preview shows how the Hex color EBE0E8 looks on a white background.

## Color Contrast Check

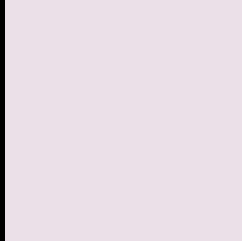
Large Text (above 18pt) WCAG AA × Fail

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 EBE0E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

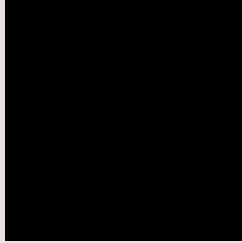
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

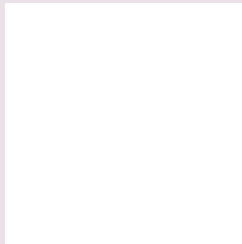
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EBE0E8 Background



This preview shows how black text looks on a background with the Hex color EBE0E8.

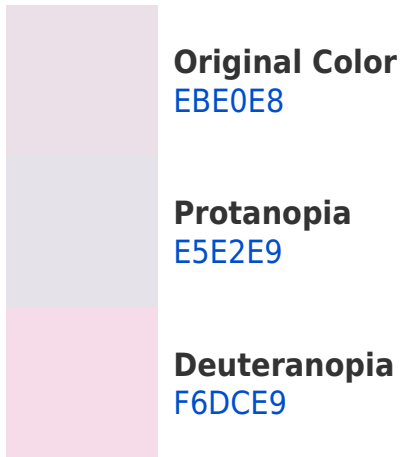


This preview shows how white text looks on a background with the Hex color EBE0E8.

# Color Blindness Simulation

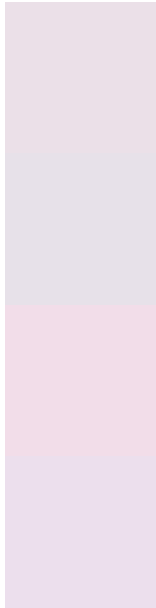
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



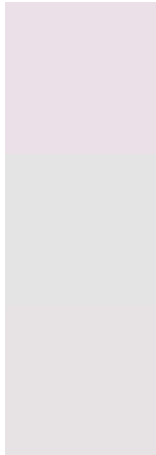
**Original Color**  
EBE0E8

**Protanomaly**  
E7E1E9

**Deuteranomaly**  
F2DDE9

**Tritanomaly**  
ECD FED

# Monochromacy



**Original Color**  
EBE0E8

**Achromatopsia**  
E4E4E4

**Achromatomaly**  
E7E3E5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBE0E8 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 #EBE0E8 looks like.

```
.text, #text, p{  
    color:#EBE0E8  
}
```

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 #EBE0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBE0E8  
}
```

## Border

The CSS property to change the border of an element to Hex EBE0E8 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  
#EBE0E8 }
```

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

```
.border{ border-color:#EBE0E8 }
```

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

Here you see how a box with a 4 pixel #EBE0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBE0E8; -webkit-box-shadow:4px 4px  
4px 4px #EBE0E8; box-shadow:4px 4px 4px  
4px #EBE0E8 }
```

# Background

The CSS property to change the background color of an element to Hex EBE0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBE0E8 }
```

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

```
.background{ background-color:#EBE0E8 }
```

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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