

# Converting Colors

Hex(EBEBF8)

Have a look what the booklet for  
Hex(EBEBF8) contains.

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# **Color**

**Hex(EBEBF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBEBF8
RGB	235, 235, 248
RGB Percent	92%, 92%, 97%
CMY	0.0784, 0.0784, 0.0275
CMYK	0.05, 0.05, 0.00, 0.03
HSL	240°, 48%, 95%
HSV	240°, 5%, 97%
XYZ	80.9126, 83.8561, 100.7282
YIQ	236.4820, -4.1730, 4.0430

# Conversions

## Conversions Part 2

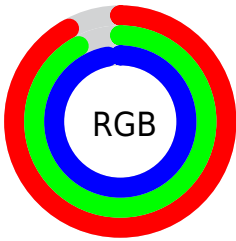
Format	Color
<a href="#">RYB</a>	<a href="#">235, 235, 248</a>
Decimal	<a href="#">15461368</a>
CIELab	<a href="#">93.39, 2.37, -6.28</a>
CIElCh	<a href="#">93, 6.711, 290.714</a>
Yxy	<a href="#">83.8561, 0.3048, 0.3158</a>
Android (android.graphics.Color)	<a href="#">4293651448 (0xFFEBEBF8)</a>
YUV	<a href="#">236.4820, 5.6784, -1.2997</a>
Hunter-Lab	<a href="#">91.5730, -2.5328, -1.1166</a>

# Details

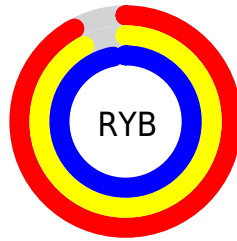
The Hex color **EBEBF8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F8F8EB**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFFFF**, and **B3B3C0** is the 20% darker color. If you saturate the color by 10%, you get **D2D2F8**, and if you desaturate by 10%, it is **FFFFFF**.

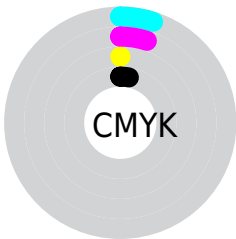
# Distribution



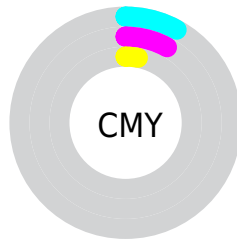
- Red (92%)
- Green (92%)
- Blue (97%)



- Red (92%)
- Yellow (92%)
- Blue (97%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (8%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBEBF8 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 EBEBF8 by changing the saturation by 10% instead.



■ EBEBF8

FFFFFF

■ EBEBF8

■ CFCFDB

■ B3B3C0

■ 9899A5

■ 7F7F8A

■ 666671

■ 4E4E58

■ 373741

■ 21222B

■ 0B0B17

 EBEBF8

 EBEBF8

 D2D2F8

 FFFFF8

 B9B9F8

 A1A1F8

 8888F8

 6F6FF8

 5656F8

 3D3DF8

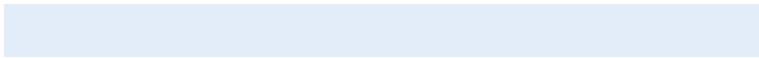
 2525F8

 0C0CF8

# Harmonies

## Analogous

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



E3EDF9



EBEBF8



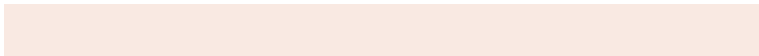
F3E9F4

# Triad

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



EBEBF8



F9E9E2



DFF0EA

# Complementary

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



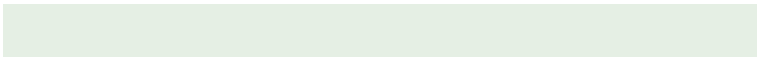
EBEBF8



F8F8EB

# Split Complementary

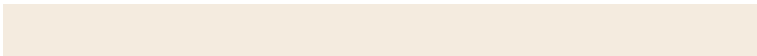
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E5EFE4



EBEBF8



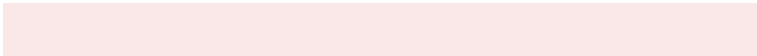
F4EBDF

# Square

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



EBEBF8



FAE8E8



EDEDE0



DDF0F0

# Rectangle

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



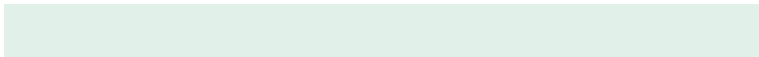
E8E8F8



F7E8F0



E8E8E0



E0F0E8



# Sweetspot

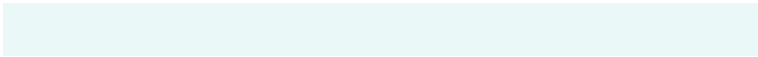
The Sweet Spot groups the original color and five complimentary colors.



EBEBF8



FAFAFF



EBF8F8



7D7D80



000000



808080



# Same Dimension

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



EBEBF8



F0F0FF



F2EBF8



74747D



0000BD



00003D



# Inverse Universe

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



F8EBF8



FFF0FF



F2F8EB



7D747D



BD00BD

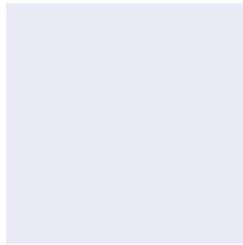


3D003D



# Previews

## White Background



This preview shows how the Hex color EBEBF8 looks on a white background.

## Color Contrast Check

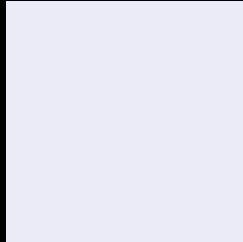
Large Text (above 18pt) WCAG AA × Fail

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 EBEBF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

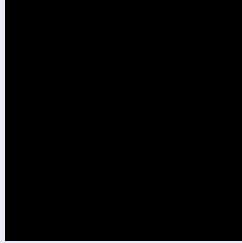
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

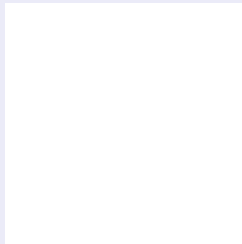
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EBEBF8 Background



This preview shows how black text looks on a background with the Hex color EBEBF8.

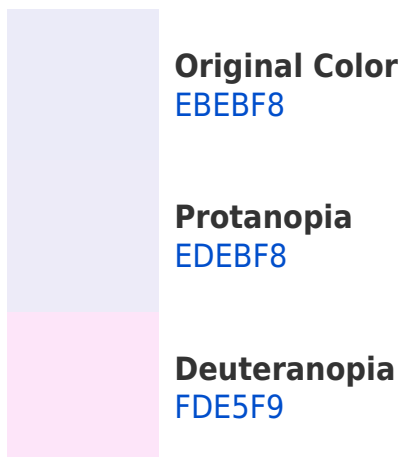


This preview shows how white text looks on a background with the Hex color EBEBF8.

# Color Blindness Simulation

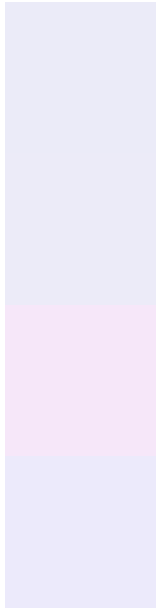
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



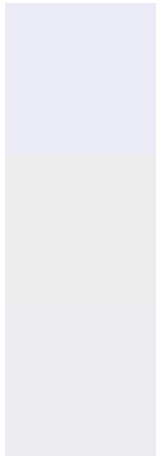
**Original Color**  
EBEBF8

**Protanomaly**  
ECEBF8

**Deuteranomaly**  
F6E7F9

**Tritanomaly**  
ECEAFB

# Monochromacy



**Original Color**  
EBEBF8

**Achromatopsia**  
ECECEC

**Achromatomaly**  
ECECF0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBEBF8 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 #EBEBF8 looks like.

```
.text, #text, p{  
    color:#EBEBF8  
}
```

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 #EBEBF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBEBF8
}
```

## Border

The CSS property to change the border of an element to Hex EBEBF8 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
#EBEBF8 }
```

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

```
.border{ border-color:#EBEBF8 }
```

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

Here you see how a box with a 4 pixel #EBEBF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBEBF8; -webkit-box-shadow:4px 4px  
4px 4px #EBEBF8; box-shadow:4px 4px 4px  
4px #EBEBF8 }
```

# Background

The CSS property to change the background color of an element to Hex EBEBF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBEBF8 }
```

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

```
.background{ background-color:#EBEBF8 }
```

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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