

# Converting Colors

Hex(EAE7F8)

Have a look what the booklet for  
Hex(EAE7F8) contains.

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# **Color**

**Hex(EAE7F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAE7F8
RGB	234, 231, 248
RGB Percent	92%, 91%, 97%
CMY	0.0824, 0.0941, 0.0275
CMYK	0.06, 0.07, 0.00, 0.03
HSL	251°, 55%, 94%
HSV	251°, 7%, 97%
XYZ	79.4509, 81.4216, 100.3354
YIQ	233.8350, -3.6690, 5.9230

# Conversions

## Conversions Part 2

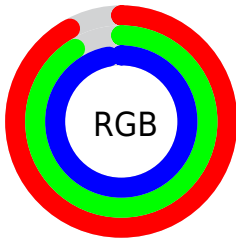
Format	Color
R <sub>Y</sub> B	234, 231, 248
Decimal	15394808
CIE Lab	92.32, 4.11, -7.87
CIE LCh	92, 8.876, 297.590
Yxy	81.4216, 0.3042, 0.3117
Android (android.graphics.Color)	4293584888 (0xFFEAE7F8)
YUV	233.8350, 6.9833, 0.1447
Hunter-Lab	90.2339, -0.7402, -2.7636

# Details

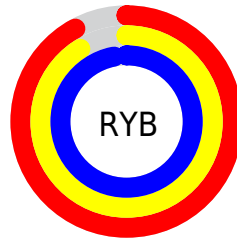
The Hex color **EAE7F8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F5F8E7**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **B2AFC0** is the 20% darker color. If you saturate the color by 10%, you get **D6CEF8**, and if you desaturate by 10%, it is **FEFFF8**.

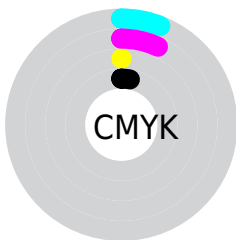
# Distribution



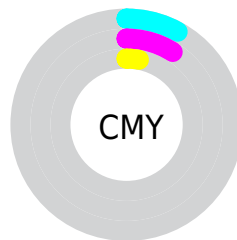
- Red (92%)
- Green (91%)
- Blue (97%)



- Red (92%)
- Yellow (91%)
- Blue (97%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (9%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAE7F8 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 EAE7F8 by changing the saturation by 10% instead.



 EAE7F8

FFFFFF

 EAE7F8

 CECBDB

 B2AFC0

 9895A5

 7E7B8A

 656271

 4D4A58

 363441

 201F2B

 0A0617

 EAE7F8

 EAE7F8

 D6CEF8

 FEFFF8

 C1B5F8

 FFFFF8

 AD9DF8

 9884F8

 846BF8

 6F52F8

 5B39F8

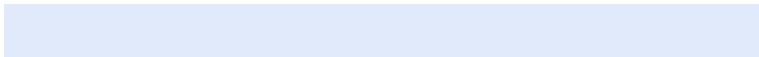
 4721F8

 3208F8

# Harmonies

## Analogous

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



E0EAFA



EAE7F8



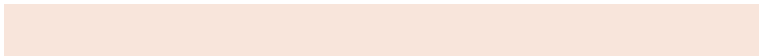
F4E5F2

# Triad

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



EAE7F8



F8E5DB



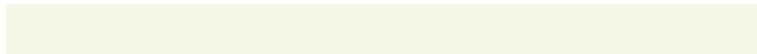
D7EEE8

# Complementary

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



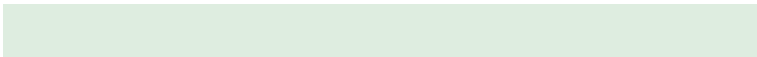
EAE7F8



F5F8E7

# Split Complementary

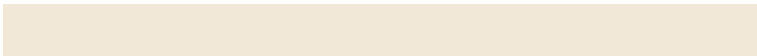
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DEEDE0



EAE7F8



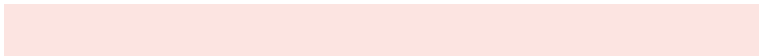
F1E8D8

# Square

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



EAE7F8



FCE4E1



E7EBDA



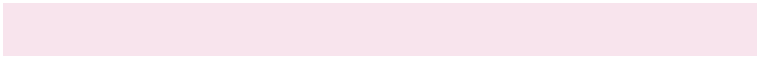
D4EEF0

# Rectangle

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



EAE7F8



F8E4ED



E7EBDA



D9EEE5



# Sweetspot

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



EAE7F8



FBFAFF



E7F5F8



7D7D80



000000



808080



# Same Dimension

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



EAE7F8



EEEEBF



F2E7F8



73707D



2100BD



0B003D



# Inverse Universe

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



F8E7F5



FFEBFB



EDF8E7



7D707B



BD009B

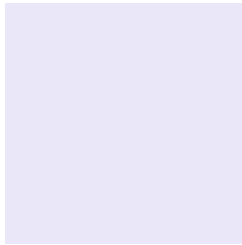


3D0032



# Previews

## White Background



This preview shows how the Hex color EAE7F8 looks on a white background.

## Color Contrast Check

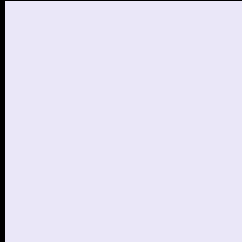
Large Text (above 18pt) WCAG AA × Fail

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 EAE7F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

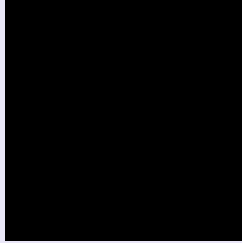
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

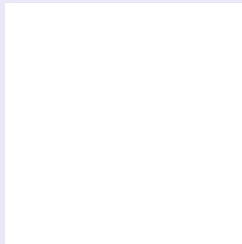
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EAE7F8 Background



This preview shows how black text looks on a background with the Hex color EAE7F8.



This preview shows how white text looks on a background with the Hex color EAE7F8.

# 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



**Original Color**  
EAE7F8

**Protanopia**  
E9E7F8

**Deuteranopia**  
F8E2F9



**Tritanopia**  
EAE7F9

# Trichromacy



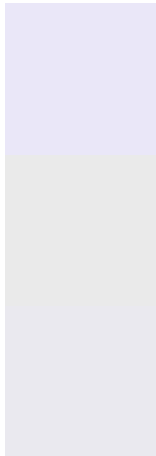
**Original Color**  
EAE7F8

**Protanomaly**  
E9E7F8

**Deuteranomaly**  
F3E4F9

**Tritanomaly**  
EAE7F9

# Monochromacy



**Original Color**  
EAE7F8

**Achromatopsia**  
EAEAEA

**Achromatomaly**  
EAE9EF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAE7F8 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 #EAE7F8 looks like.

```
.text, #text, p{  
    color:#EAE7F8  
}
```

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 #EAE7F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAE7F8  
}
```

## Border

The CSS property to change the border of an element to Hex EAE7F8 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  
#EAE7F8 }
```

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

```
.border{ border-color:#EAE7F8 }
```

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

Here you see how a box with a 4 pixel #EAE7F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAE7F8; -webkit-box-shadow:4px 4px  
4px 4px #EAE7F8; box-shadow:4px 4px 4px  
4px #EAE7F8 }
```

# Background

The CSS property to change the background color of an element to Hex EAE7F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAE7F8 }
```

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

```
.background{ background-color:#EAE7F8 }
```

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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