

# Converting Colors

Hex(E8EAF8)

Have a look what the booklet for  
Hex(E8EAFA) contains.

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# Color

**Hex(E8EAF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8EAFA
RGB	232, 234, 250
RGB Percent	91%, 92%, 98%
CMY	0.0902, 0.0824, 0.0196
CMYK	0.07, 0.06, 0.00, 0.02
HSL	233°, 64%, 95%
HSV	233°, 7%, 98%
XYZ	79.9568, 82.9036, 102.2303
YIQ	235.2260, -6.3280, 4.5520

# Conversions

## Conversions Part 2

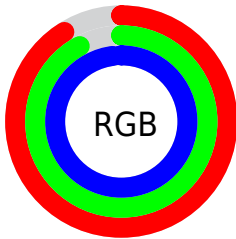
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 234, 250
Decimal	15264506
CIE <sub>Lab</sub>	92.97, 2.29, -7.96
CIE <sub>LCh</sub>	93, 8.281, 286.072
Yxy	82.9036, 0.3016, 0.3127
Android (android.graphics.Color)	4293454586 (0xFFE8EAF8)
YUV	235.2260, 7.2836, -2.8292
Hunter-Lab	91.0514, -2.5900, -2.8334

# Details

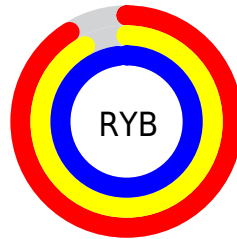
The Hex color **E8EAF8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FAF8E8**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **B0B2C2** is the 20% darker color. If you saturate the color by 10%, you get **CFD4FA**, and if you desaturate by 10%, it is **FFFFFFA**.

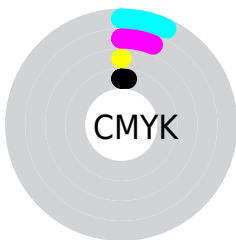
# Distribution



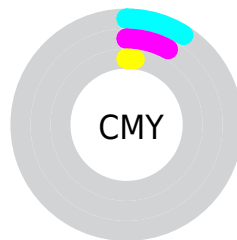
- Red (91%)
- Green (92%)
- Blue (98%)



- Red (91%)
- Yellow (92%)
- Blue (98%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (8%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8EAFA 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 E8EAFA by changing the saturation by 10% instead.



 E8EAFA

FFFFFF

 E8EAFA

 CCCEDD

 B0B2C2

 9698A6

 7C7E8C

 636573

 4B4D5A

 343643

 1F212C

 080A18

 E8EAFA

 E8EAFA

 CFD4FA

 FFFFFA

 B6BEFA

 9DA7FA

 8491FA

 6B7BFA

 5265FA

 394EFA

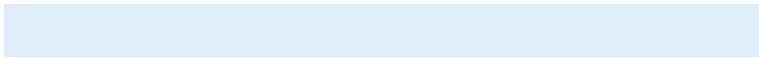
 2038FA

 0722FA

# Harmonies

## Analogous

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



DFEDFA



E8EAFA



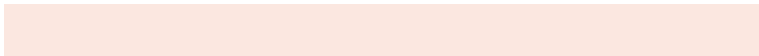
F2E8F6

# Triad

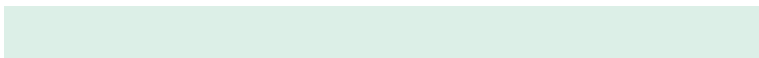
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E8EAFA



FBE7E0



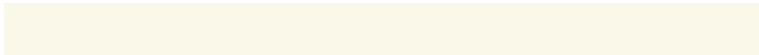
DCEFE7

# Complementary

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



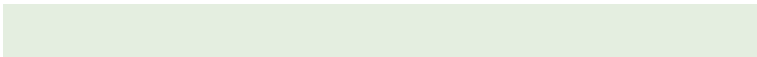
E8EAFA



FAF8E8

# 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.



E4EEE0



E8EAFA



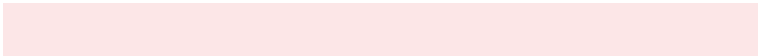
F5E9DC

# Square

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



E8EAFA



FCE6E7



EDECDC



D8F0EF

# Rectangle

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



E8EAFA



F7E6F1



EDECDC



DEEFE4



# Sweetspot

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



E8EAFA



FAFAFF



E8FAF8



7D7D80



000000



808080



# Same Dimension

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



E8EAFA



E8EBFF



EFE8FA



70727D



0015BD



00073D



# Inverse Universe

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



FAE8EA



FFE8EB



F3FAE8



7D7072



BD0015

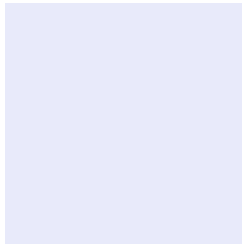


3D0007



# Previews

## White Background



This preview shows how the Hex color E8EAFA looks on a white background.

## Color Contrast Check

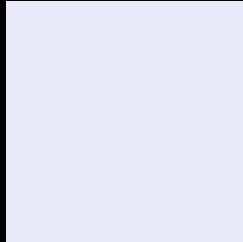
Large Text (above 18pt) WCAG AA × Fail

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 E8EAF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

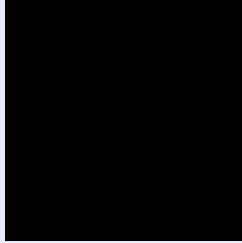
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

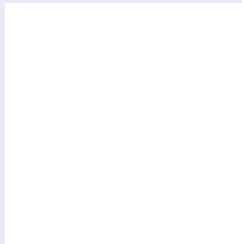
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E8EAF8 Background



This preview shows how black text looks on a background with the Hex color E8EAF8.



This preview shows how white text looks on a background with the Hex color E8EAF8.

# 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





**Tritanopia**  
E8EAF8

# Trichromacy



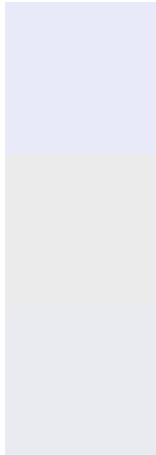
**Original Color**  
E8EAFA

**Protanomaly**  
EAE9FA

**Deuteranomaly**  
F3E6FB

**Tritanomaly**  
E8EAFB

# Monochromacy



**Original Color**  
E8EAFA

**Achromatopsia**  
EBEBEB

**Achromatomaly**  
EAEBF0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8EAFA 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 #E8EAFA looks like.

```
.text, #text, p{  
    color:#E8EAFA  
}
```

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 #E8EAFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8EAFA
}
```

## Border

The CSS property to change the border of an element to Hex E8EAFA 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
#E8EAFA }
```

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

```
.border{ border-color:#E8EAFA }
```

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

Here you see how a box with a 4 pixel #E8EAFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8EAFA; -webkit-box-shadow:4px 4px  
4px 4px #E8EAFA; box-shadow:4px 4px 4px  
4px #E8EAFA }
```

# Background

The CSS property to change the background color of an element to Hex E8EAF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8EAF8 }
```

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

```
.background{ background-color:#E8EAF8 }
```

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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