

# Converting Colors

Hex(E8E9FE)

Have a look what the booklet for  
Hex(E8E9FE) contains.

<b>Hex(E8E9FE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E8E9FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8E9FE
RGB	232, 233, 254
RGB Percent	91%, 91%, 100%
CMY	0.0902, 0.0863, 0.0039
CMYK	0.09, 0.08, 0.00, 0.00
HSL	237°, 92%, 95%
HSV	237°, 9%, 100%
XYZ	80.3070, 82.5894, 105.4746
YIQ	235.0950, -7.3370, 6.3190

# Conversions

## Conversions Part 2

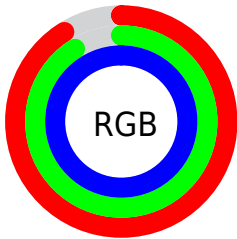
Format	Color
R <sub>Y</sub> B	232, 233, 254
Decimal	15264254
CIE Lab	92.83, 3.57, -10.25
CIE LCh	93, 10.851, 289.235
Yxy	82.5894, 0.2992, 0.3077
Android (android.graphics.Color)	4293454334 (0xFFE8E9FE)
YUV	235.0950, 9.3202, -2.7143
Hunter-Lab	90.8787, -1.3022, -5.1974

# Details

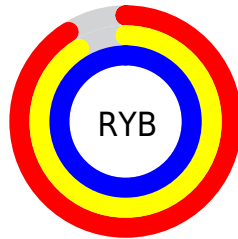
The Hex color **E8E9FE** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FEFDE8**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **B0B1C5** is the 20% darker color. If you saturate the color by 10%, you get **CFD1FE**, and if you desaturate by 10%, it is **FFFFFFE**.

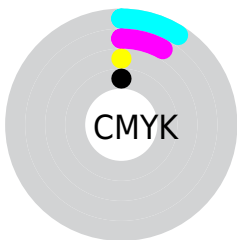
# Distribution



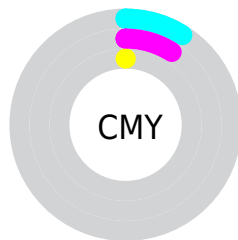
- Red (91%)
- Green (91%)
- Blue (100%)



- Red (91%)
- Yellow (91%)
- Blue (100%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8E9FE 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 E8E9FE by changing the saturation by 10% instead.



 E8E9FE

FFFFFF

 E8E9FE

 CCCDE1

 B0B1C5

 9697AA

 7C7D90

 636476

 4B4C5D

 343546

 1E202F

 08091B

 E8E9FE

 E8E9FE

 CFD1FE

FFFFFFE

 B5B9FE

 9CA0FE

 8288FE

 6970FE

 5058FE

 363FFE

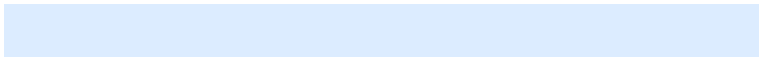
 1D27FE

 030FFE

# Harmonies

## Analogous

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



DCECFE



E8E9FE



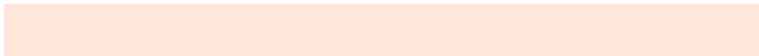
F5E6F8

# Triad

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



E8E9FE



FFE5DB



D6F0E6

# Complementary

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



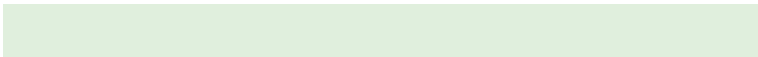
E8E9FE



FEFDE8

# 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.



E0EFDD



E8E9FE



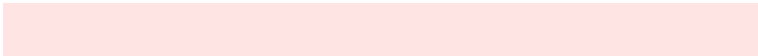
F7E8D6

# Square

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



E8E9FE



FFE4E4



ECECD7



D1F1F1

# Rectangle

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



E8E9FE



FBE4F2



ECECD7



D9F0E3



# Sweetspot

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



E8E9FE



F7F8FF



E8FEFD



7A7B80



000000



808080



# Same Dimension

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



E8E9FE



E6E7FF



F2E8FE



737380



0009BF



000340



# Inverse Universe

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



FEE8E9



FFE6E7



F4FEE8



807373



BF0009

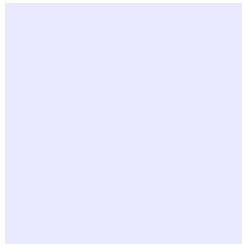


400003



# Previews

## White Background



This preview shows how the Hex color E8E9FE looks on a white background.

## Color Contrast Check

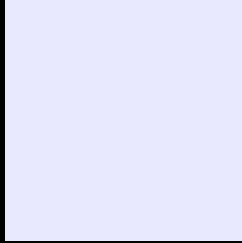
Large Text (above 18pt) WCAG AA × Fail

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 E8E9FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

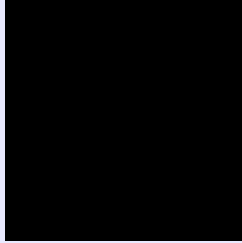
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E8E9FE Background



This preview shows how black text looks on a background with the Hex color E8E9FE.



This preview shows how white text looks on a background with the Hex color E8E9FE.

# 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**  
E8E9FC

# Trichromacy



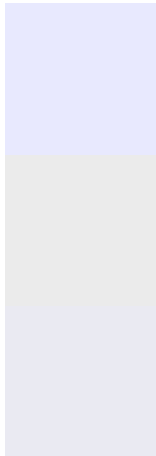
**Original Color**  
E8E9FE

**Protanomaly**  
E9E9FE

**Deuteranomaly**  
F2E6FF

**Tritanomaly**  
E8E9FD

# Monochromacy



**Original Color**  
E8E9FE

**Achromatopsia**  
EBEBEB

**Achromatomaly**  
EAEAF2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8E9FE 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 #E8E9FE looks like.

```
.text, #text, p{  
    color:#E8E9FE  
}
```

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 #E8E9FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8E9FE
}
```

## Border

The CSS property to change the border of an element to Hex E8E9FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

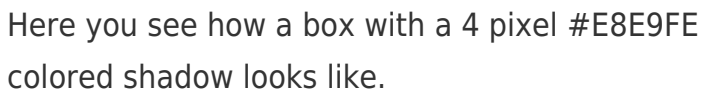
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8E9FE }
```

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

```
.border{ border-color:#E8E9FE }
```

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



Here you see how a box with a 4 pixel #E8E9FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8E9FE; -webkit-box-shadow:4px 4px  
4px 4px #E8E9FE; box-shadow:4px 4px 4px  
4px #E8E9FE }
```

# Background

The CSS property to change the background color of an element to Hex E8E9FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8E9FE }
```

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

```
.background{ background-color:#E8E9FE }
```

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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