

# Converting Colors

Hex(E6E7F6)

Have a look what the booklet for  
Hex(E6E7F6) contains.

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# **Color**

**Hex(E6E7F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6E7F6
RGB	230, 231, 246
RGB Percent	90%, 91%, 96%
CMY	0.0980, 0.0941, 0.0353
CMYK	0.07, 0.06, 0.00, 0.04
HSL	236°, 47%, 93%
HSV	236°, 7%, 96%
XYZ	77.8436, 80.6286, 98.6489
YIQ	232.4110, -5.4110, 4.4530

# Conversions

## Conversions Part 2

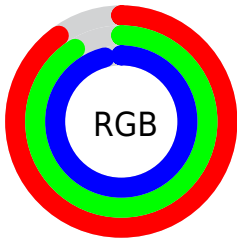
Format	Color
R <sub>YB</sub>	230, 231, 246
Decimal	15132662
CIE Lab	91.97, 2.43, -7.38
CIE LCh	92, 7.769, 288.254
Yxy	80.6286, 0.3028, 0.3136
Android (android.graphics.Color)	4293322742 (0xFFE6E7F6)
YUV	232.4110, 6.6994, -2.1144
Hunter-Lab	89.7935, -2.3936, -2.2817

# Details

The Hex color **E6E7F6** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F6F5E6**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **AEAFBE** is the 20% darker color. If you saturate the color by 10%, you get **CDD0F6**, and if you desaturate by 10%, it is **FFFEF6**.

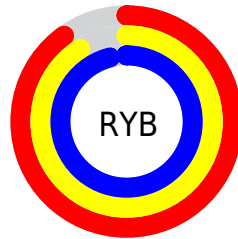
# Distribution



Red (90%)

Green (91%)

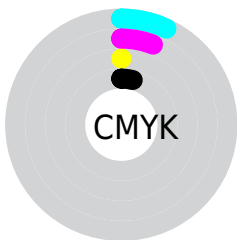
Blue (96%)



Red (90%)

Yellow (91%)

Blue (96%)

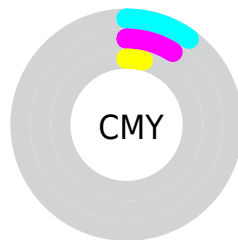


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (9%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6E7F6 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 E6E7F6 by changing the saturation by 10% instead.



 E6E7F6

FFFFFF

 E6E7F6

 CACBDA

 AEAFB E

 9495A3

 7A7B88

 61626F

 494A57

 33343F

 1D1F29

 050615

 E6E7F6

 E6E7F6

 CDD0F6

 FFFEF6

 B5B9F6

 FFFFF6

 9CA2F6

 848BF6

 6B74F6

 525DF6

 3A46F6

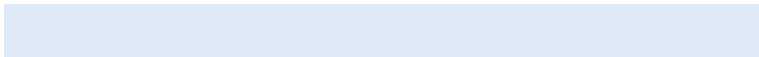
 212FF6

 0917F6

# Harmonies

## Analogous

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



DDE9F6



E6E7F6



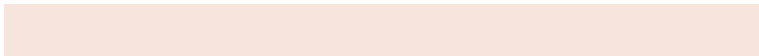
EFE5F2

# Triad

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



E6E7F6



F7E4DD



DAECE5

# Complementary

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



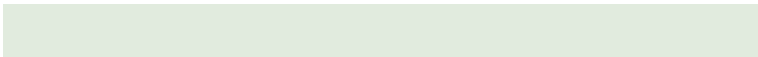
E6E7F6



F6F5E6

# Split Complementary

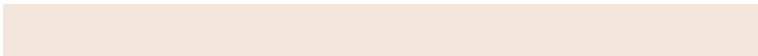
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E1EBDE



E6E7F6



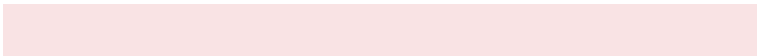
F1E6D9

# Square

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



E6E7F6



F9E3E4



E9E9DA



D6ECEC

# Rectangle

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



E6E7F6



F4E4EE



E9E9DA



DCECE2



# Sweetspot

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



E6E7F6



FAFAFF



E6F6F5



7D7D80



000000



808080



# Same Dimension

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



E6E7F6



EBECFF



EDE6F6



6E6F7A



000CBA

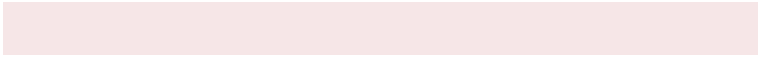


00043B



# Inverse Universe

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



F6E6E7



FFE6EC



EFF6E6



7A6E6F



BA000C

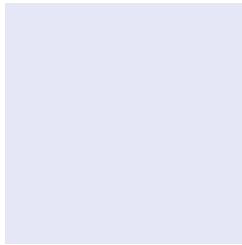


3B0004



# Previews

## White Background



This preview shows how the Hex color E6E7F6 looks on a white background.

## Color Contrast Check

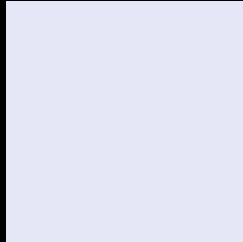
Large Text (above 18pt) WCAG AA × Fail

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 E6E7F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

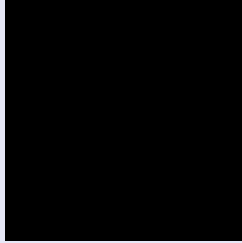
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

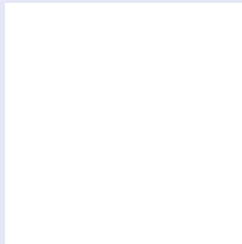
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E6E7F6 Background



This preview shows how black text looks on a background with the Hex color E6E7F6.



This preview shows how white text looks on a background with the Hex color E6E7F6.

# 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](#).

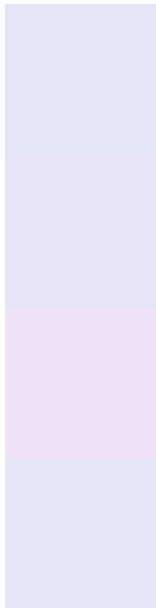
## Dichromacy





**Tritanopia**  
E6E7F9

# Trichromacy



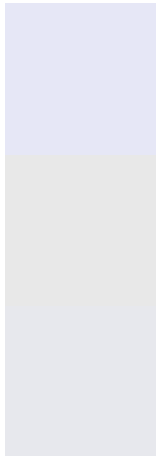
**Original Color**  
E6E7F6

**Protanomaly**  
E7E6F6

**Deuteranomaly**  
F1E3F7

**Tritanomaly**  
E6E7F8

# Monochromacy



**Original Color**  
E6E7F6

**Achromatopsia**  
E8E8E8

**Achromatomaly**  
E7E8ED

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6E7F6 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 #E6E7F6 looks like.

```
.text, #text, p{  
    color:#E6E7F6  
}
```

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 #E6E7F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6E7F6
}
```

## Border

The CSS property to change the border of an element to Hex E6E7F6 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
#E6E7F6 }
```

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

```
.border{ border-color:#E6E7F6 }
```

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

Here you see how a box with a 4 pixel #E6E7F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6E7F6; -webkit-box-shadow:4px 4px  
4px 4px #E6E7F6; box-shadow:4px 4px 4px  
4px #E6E7F6 }
```

# Background

The CSS property to change the background color of an element to Hex E6E7F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6E7F6 }
```

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

```
.background{ background-color:#E6E7F6 }
```

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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