

# Converting Colors

Hex(E5E5F7)

Have a look what the booklet for  
Hex(E5E5F7) contains.

<b>Hex(E5E5F7)</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(E5E5F7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5E5F7
RGB	229, 229, 247
RGB Percent	90%, 90%, 97%
CMY	0.1020, 0.1020, 0.0314
CMYK	0.07, 0.07, 0.00, 0.03
HSL	240°, 53%, 93%
HSV	240°, 7%, 97%
XYZ	77.1209, 79.4120, 99.2590
YIQ	231.0520, -5.7780, 5.5980

# Conversions

## Conversions Part 2

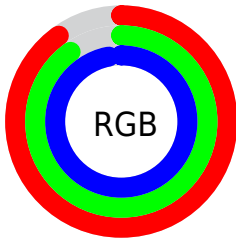
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	229, 229, 247
Decimal	15066615
CIE Lab	91.42, 3.33, -8.72
CIE LCh	91, 9.333, 290.929
Yxy	79.4120, 0.3015, 0.3105
Android (android.graphics.Color)	4293256695 (0xFFE5E5F7)
YUV	231.0520, 7.8624, -1.7996
Hunter-Lab	89.1134, -1.4703, -3.6608

# Details

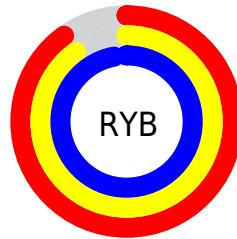
The Hex color **E5E5F7** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **F7F7E5**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is FFFFFFFF, and **AEAEBF** is the 20% darker color. If you saturate the color by 10%, you get **CCCCF7**, and if you desaturate by 10%, it is FEFEF7.

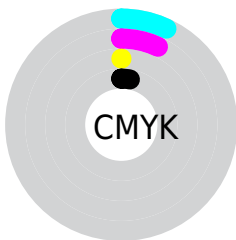
# Distribution



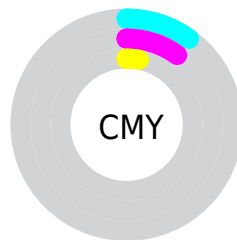
- Red (90%)
- Green (90%)
- Blue (97%)



- Red (90%)
- Yellow (90%)
- Blue (97%)



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



- Cyan (10%)
- Magenta (10%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5E5F7 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 E5E5F7 by changing the saturation by 10% instead.



 E5E5F7

FFFFFF

 E5E5F7

 C9C9DB

 AEAEBF

 9393A4

 797989

 606170

 484957

 323240

 1D1D2A

 040316

 E5E5F7

 E5E5F7

 CCCCFF

 FEF7F7

 B4B4FF

 FFFF77

 9B9BFF

 8282FF

 6A6AFF

 5151FF

 3838FF

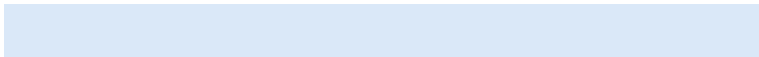
 1F1FFF

 0707FF

# Harmonies

## Analogous

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



DAE8F8



E5E5F7



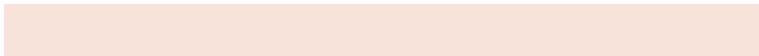
F0E2F2

# Triad

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



E5E5F7



F8E2D9



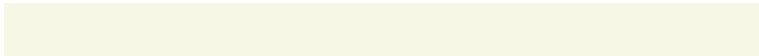
D4ECE3

# Complementary

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



E5E5F7



F7F7E5

# Split Complementary

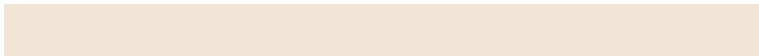
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DDEADB



E5E5F7



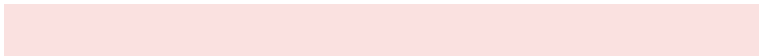
F1E5D5

# Square

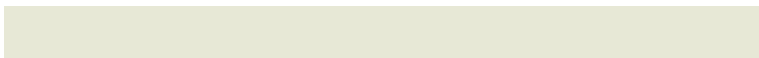
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E5E5F7



FAE1E0



E7E8D6



D1ECEC

# Rectangle

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



E5E5F7



F5E1EC



E7E8D6



D7EBE0



# Sweetspot

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



E5E5F7



FAFAFF



E5F7F7



7D7D80



000000



808080



# Same Dimension

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



E5E5F7



E8E8FF



EEE5F7



6E6E7A



0000BA



00003B



# Inverse Universe

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



F7E5F7



FFE8FF



EEF7E5



7A6E7A



BA00BA

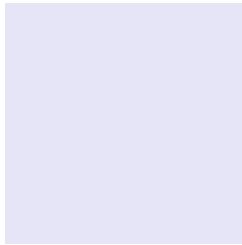


3B003B



# Previews

## White Background



This preview shows how the Hex color E5E5F7 looks on a white background.

## Color Contrast Check

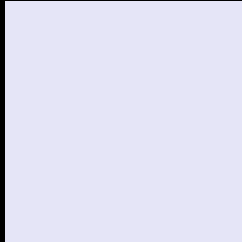
Large Text (above 18pt) WCAG AA × Fail

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 E5E5F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

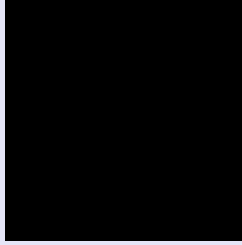
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5E5F7 Background



This preview shows how black text looks on a background with the Hex color E5E5F7.

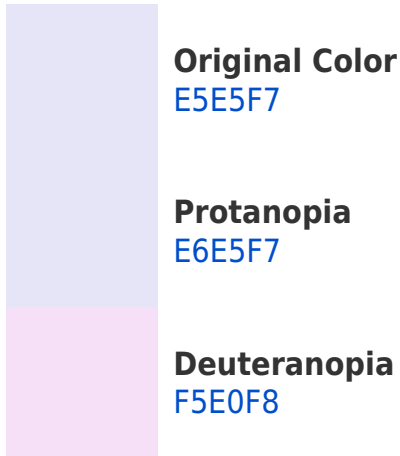


This preview shows how white text looks on a background with the Hex color E5E5F7.

# 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](#).

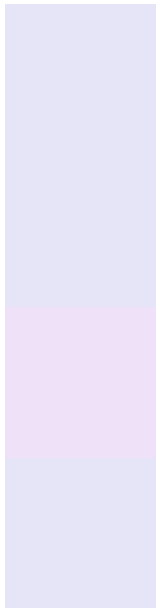
## Dichromacy





**Tritanopia**  
E5E5F7

# Trichromacy



**Original Color**  
E5E5F7

**Protanomaly**  
E6E5F7

**Deuteranomaly**  
EFE2F8

**Tritanomaly**  
E5E5F7

# Monochromacy



**Original Color**  
E5E5F7

**Achromatopsia**  
E7E7E7

**Achromatomaly**  
E6E6ED

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5E5F7 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 #E5E5F7 looks like.

```
.text, #text, p{  
    color:#E5E5F7  
}
```

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 #E5E5F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5E5F7
}
```

## Border

The CSS property to change the border of an element to Hex E5E5F7 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
#E5E5F7 }
```

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

```
.border{ border-color:#E5E5F7 }
```

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

Here you see how a box with a 4 pixel #E5E5F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5E5F7; -webkit-box-shadow:4px 4px  
4px 4px #E5E5F7; box-shadow:4px 4px 4px  
4px #E5E5F7 }
```

# Background

The CSS property to change the background color of an element to Hex E5E5F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5E5F7 }
```

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

```
.background{ background-color:#E5E5F7 }
```

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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