

# Converting Colors

Hex(E0EBF9)

Have a look what the booklet for  
Hex(E0EBF9) contains.

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# **Color**

**Hex(E0EBF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0EBF9
RGB	224, 235, 249
RGB Percent	88%, 92%, 98%
CMY	0.1216, 0.0784, 0.0235
CMYK	0.10, 0.06, 0.00, 0.02
HSL	214°, 68%, 93%
HSV	214°, 10%, 98%
XYZ	77.5477, 82.1035, 101.3829
YIQ	233.3070, -11.0500, 2.0220

# Conversions

## Conversions Part 2

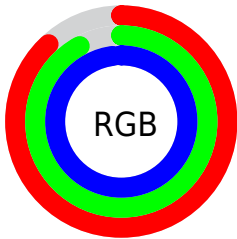
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 232, 249
Decimal	14740473
CIE Lab	92.62, -0.98, -8.02
CIE LCh	93, 8.081, 263.031
Yxy	82.1035, 0.2971, 0.3145
Android (android.graphics.Color)	4292930553 (0xFFE0EBF9)
YUV	233.3070, 7.7366, -8.1622
Hunter-Lab	90.6110, -5.8034, -2.9108

# Details

The Hex color **E0EBF9** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F9EEE0**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **A9B3C1** is the 20% darker color. If you saturate the color by 10%, you get **C7DDF9**, and if you desaturate by 10%, it is **F9F9F9**.

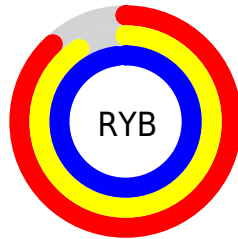
# Distribution



Red (88%)

Green (92%)

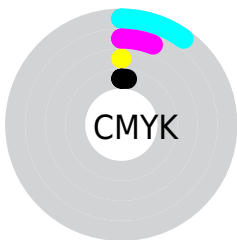
Blue (98%)



Red (88%)

Yellow (91%)

Blue (98%)

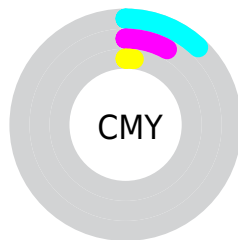


Cyan (10%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (12%)

Magenta (8%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0EBF9 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 E0EBF9 by changing the saturation by 10% instead.



■ E0EBF9

FFFFFF

■ E0EBF9

■ C4CFDC

■ A9B3C1

■ 8E99A5

■ 747F8B

■ 5C6672

■ 444E59

■ 2D3742

■ 18222C

■ 000B17

 E0EBF9

 E0EBF9

 C7DDF9

 F9F9F9

 AECFF9

 FFFFF9

 95C1F9

 7CB3F9

 64A5F9

 4B97F9

 3289F9

 197BF9

 006EF9

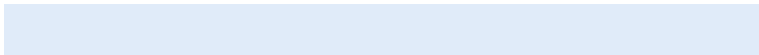
# Harmonies

## Analogous

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



D9EDF6



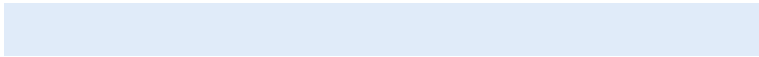
E0EBF9



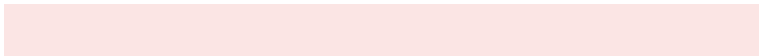
E9E8F8

# Triad

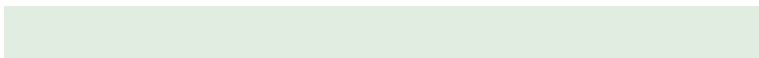
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E0EBF9



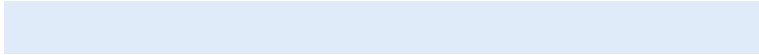
FBE5E4



E1EDE0

# Complementary

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



E0EBF9



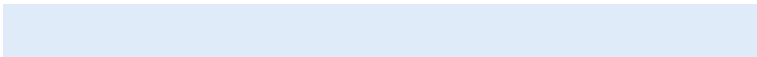
F9EEEE

# Split Complementary

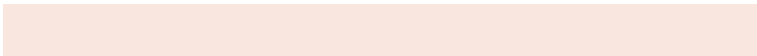
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAEBDB



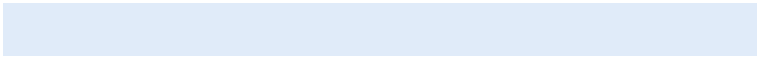
E0EBF9



F9E6DE

# Square

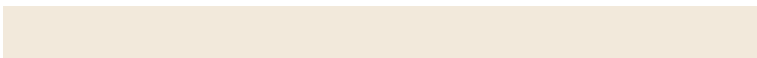
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E0EBF9



F9E5EC



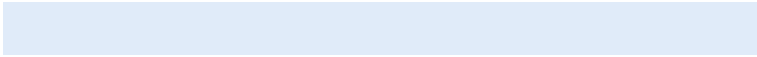
F2E9DB



DAEEE8

# Rectangle

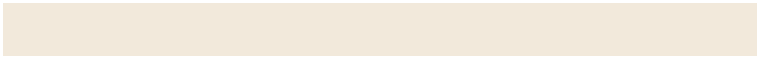
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



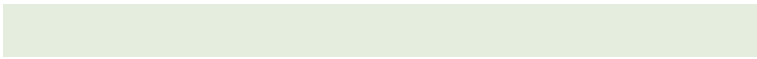
E0EBF9



F0E7F5



F2E9DB

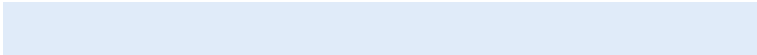


E4EDDE



# Sweetspot

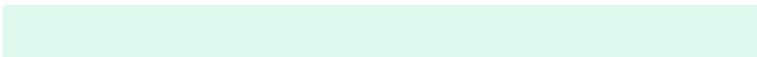
The Sweet Spot groups the original color and five complimentary colors.



E0EBF9



F7FBFF



E0F9EE



7A7D80



000000

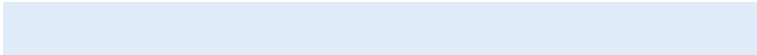


808080

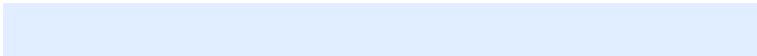


# Same Dimension

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



E0EBF9



E0EEFF



E1E0F9



70767D



0053BD



001B3D



# Inverse Universe

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



F9E0EB



FFE0EE



F8F9E0



7D7076



BD0053

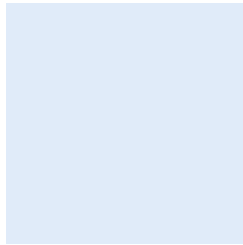


3D001B



# Previews

## White Background



This preview shows how the Hex color E0EBF9 looks on a white background.

## Color Contrast Check

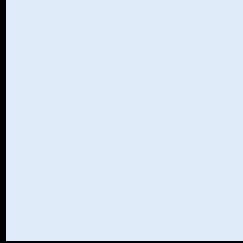
Large Text (above 18pt) WCAG AA × Fail

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 E0EBF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

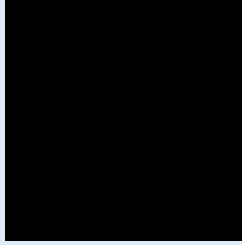
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

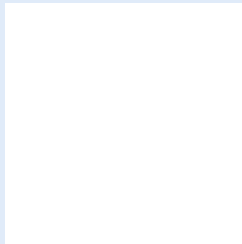
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0EBF9 Background



This preview shows how black text looks on a background with the Hex color E0EBF9.

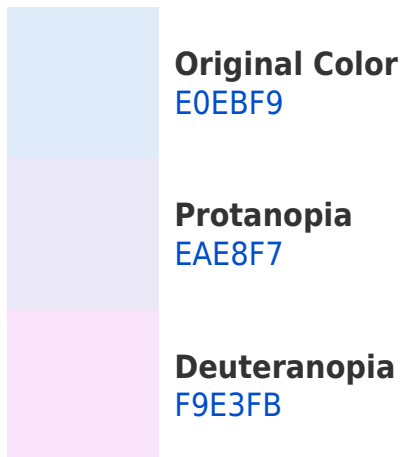


This preview shows how white text looks on a background with the Hex color E0EBF9.

# 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

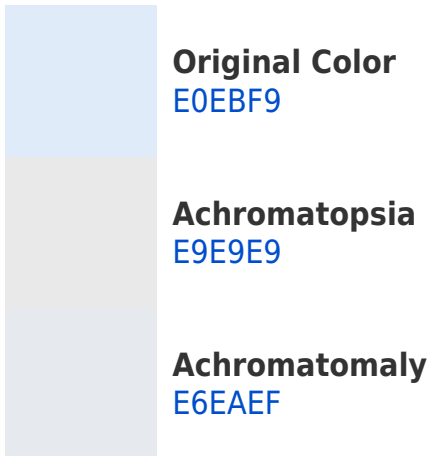




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0EBF9 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 #E0EBF9 looks like.

```
.text, #text, p{  
    color:#E0EBF9  
}
```

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 #E0EBF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0EBF9
}
```

## Border

The CSS property to change the border of an element to Hex E0EBF9 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
#E0EBF9 }
```

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

```
.border{ border-color:#E0EBF9 }
```

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

Here you see how a box with a 4 pixel #E0EBF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0EBF9; -webkit-box-shadow:4px 4px  
4px 4px #E0EBF9; box-shadow:4px 4px 4px  
4px #E0EBF9 }
```

# Background

The CSS property to change the background color of an element to Hex E0EBF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0EBF9 }
```

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

```
.background{ background-color:#E0EBF9 }
```

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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