

# Converting Colors

Hex(E0E2FC)

Have a look what the booklet for  
Hex(E0E2FC) contains.

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# **Color**

**Hex(E0E2FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0E2FC
RGB	224, 226, 252
RGB Percent	88%, 89%, 99%
CMY	0.1216, 0.1137, 0.0118
CMYK	0.11, 0.10, 0.00, 0.01
HSL	236°, 82%, 93%
HSV	236°, 11%, 99%
XYZ	75.5075, 77.2683, 103.0301
YIQ	228.3660, -9.5380, 7.6620

# Conversions

## Conversions Part 2

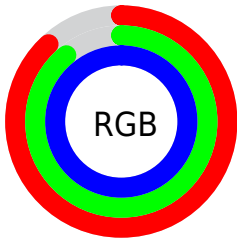
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 226, 252
Decimal	14738172
CIE Lab	90.44, 4.26, -12.82
CIE LCh	90, 13.514, 288.389
Yxy	77.2683, 0.2952, 0.3021
Android (android.graphics.Color)	4292928252 (0xFFE0E2FC)
YUV	228.3660, 11.6516, -3.8290
Hunter-Lab	87.9024, -0.4989, -7.9619

# Details

The Hex color `E0E2FC` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `FCFAE0`, and the grayscale version is `E4E4E4`.

A 20% lighter version of the original color is `FFFFFF`, and `A9ABC3` is the 20% darker color. If you saturate the color by 10%, you get `C7CBFC`, and if you desaturate by 10%, it is `F9F9FC`.

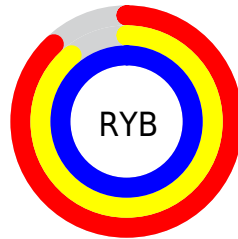
# Distribution



Red (88%)

Green (89%)

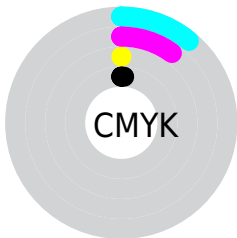
Blue (99%)



Red (88%)

Yellow (89%)

Blue (99%)

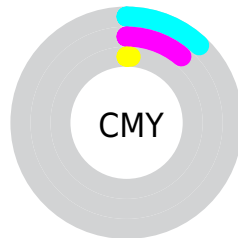


Cyan (11%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (12%)

Magenta (11%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0E2FC 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 E0E2FC by changing the saturation by 10% instead.



 E0E2FC

FFFFFF

 E0E2FC

 C4C6DF

 A9ABC3

 8E90A8

 74778E

 5C5E74

 44465C

 2D3044

 181B2E

 00001A

 E0E2FC

 E0E2FC

 C7CBFC

 F9F9FC

 AEB3FC

 FFFFC

 949CFC

 7B84FC

 626DFC

 4956FC

 303EFC

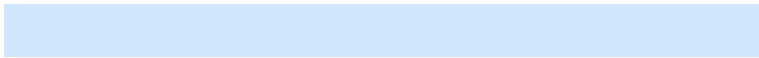
 1627FC

 0012FC

# Harmonies

## Analogous

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



D0E6FD



E0E2FC



F0DEF5

# Triad

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



E0E2FC



FDDDD1



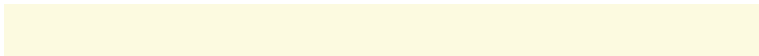
CAEBDE

# Complementary

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



E0E2FC



FCFAE0

# 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.



D7E9D2



E0E2FC



F3E1CB

# Square

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



E0E2FC



FFDBDC



E6E5CB



C3EBEB

# Rectangle

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



E0E2FC



F8DCED



E6E5CB



CEEEDA



# Sweetspot

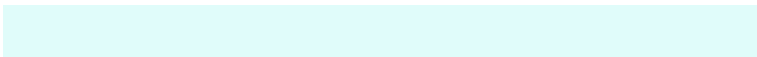
The Sweet Spot groups the original color and five complimentary colors.



E0E2FC



F7F8FF



E0FCFA



7A7B80



000000



808080



# Same Dimension

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



E0E2FC



DEE0FF



ECE0FC



70717D



000DBD



00043D



# Inverse Universe

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



FCE0E2



FFDEE0



F0FCE0



7D7071



BD000D

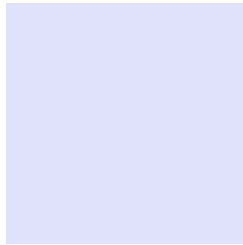


3D0004



# Previews

## White Background



This preview shows how the Hex color E0E2FC looks on a white background.

## Color Contrast Check

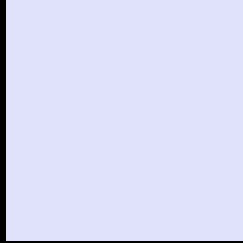
Large Text (above 18pt) WCAG AA × Fail

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 E0E2FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

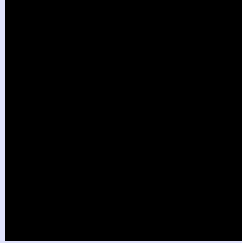
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E0E2FC Background



This preview shows how black text looks on a background with the Hex color E0E2FC.



This preview shows how white text looks on a background with the Hex color E0E2FC.

# 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](#).

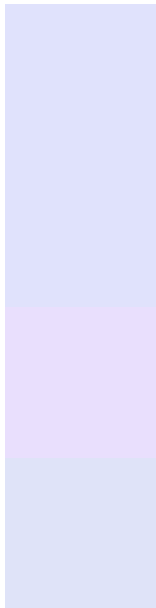
## Dichromacy





**Tritanopia**  
DFE3F5

# Trichromacy



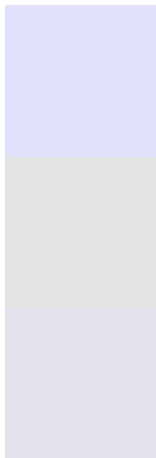
**Original Color**  
E0E2FC

**Protanomaly**  
E0E2FC

**Deuteranomaly**  
E9DFFD

**Tritanomaly**  
DFE3F8

# Monochromacy



**Original Color**  
E0E2FC

**Achromatopsia**  
E4E4E4

**Achromatomaly**  
E3E3ED

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0E2FC 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 #E0E2FC looks like.

```
.text, #text, p{  
    color:#E0E2FC  
}
```

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 #E0E2FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0E2FC
}
```

## Border

The CSS property to change the border of an element to Hex E0E2FC 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
#E0E2FC }
```

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

```
.border{ border-color:#E0E2FC }
```

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

Here you see how a box with a 4 pixel #E0E2FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0E2FC; -webkit-box-shadow:4px 4px  
4px 4px #E0E2FC; box-shadow:4px 4px 4px  
4px #E0E2FC }
```

# Background

The CSS property to change the background color of an element to Hex E0E2FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0E2FC }
```

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

```
.background{ background-color:#E0E2FC }
```

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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