

Converting Colors

Hex(E0EAF7)

Have a look what the booklet for
Hex(E0EAF7) contains.

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Color

Hex(E0EAF7)

Conversions

Conversions Part 1

Format	Color
Hex	E0EAF7
RGB	224, 234, 247
RGB Percent	88%, 92%, 97%
CMY	0.1216, 0.0824, 0.0314
CMYK	0.09, 0.05, 0.00, 0.03
HSL	214°, 59%, 92%
HSV	214°, 9%, 97%
XYZ	76.9518, 81.4083, 99.6533
YIQ	232.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

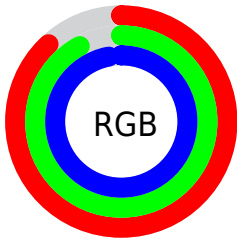
Format	Color
RYB	224, 231, 247
Decimal	14740215
CIELab	92.31, -0.86, -7.43
CIElCh	92, 7.484, 263.439
Yxy	81.4083, 0.2982, 0.3155
Android (android.graphics.Color)	4292930295 (0xFFE0EAF7)
YUV	232.4920, 7.1524, -7.4475
Hunter-Lab	90.2266, -5.6587, -2.3259

Details

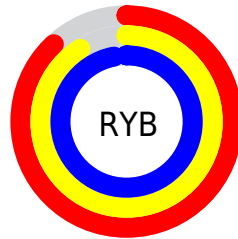
The Hex color **E0EAF7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F7EDE0**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **A9B2BF** is the 20% darker color. If you saturate the color by 10%, you get **C7DCF7**, and if you desaturate by 10%, it is **F9F8F7**.

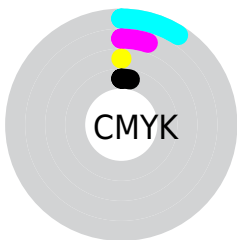
Distribution



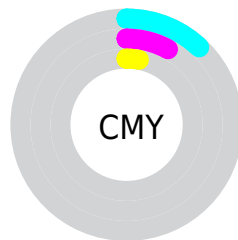
- Red (88%)
- Green (92%)
- Blue (97%)



- Red (88%)
- Yellow (91%)
- Blue (97%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (12%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0EAF7 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 E0EAF7 by changing the saturation by 10% instead.

 E0EAF7

FFFFFF

 E0EAF7

 C4CEDB

 A9B2BF

 8E98A4

 757E89

 5C6570

 444D58

 2E3640

 18212A

 000A16

 E0EAF7

 E0EAF7

 C7DCF7

 F9F8F7

 AFCEF7

 FFFFF7

 96C0F7


 7DB2F7

 65A4F7

 4C96F7

 3388F7

 1A7AF7

 026CF7

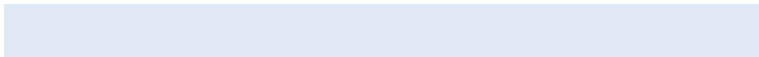
Harmonies

Analogous

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



DAECF4



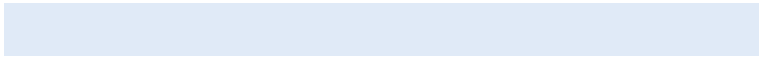
E0EAF7



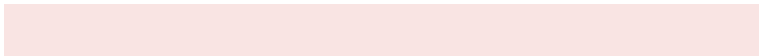
E9E8F6

Triad

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



E0EAF7



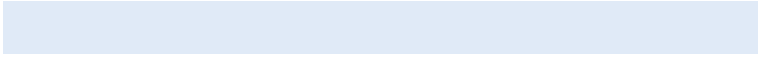
F9E4E3



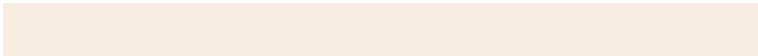
E1ECE0

Complementary

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



E0EAF7



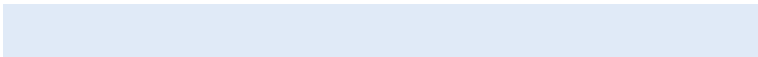
F7EDE0

Split Complementary

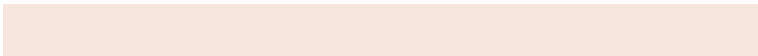
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E9EADC



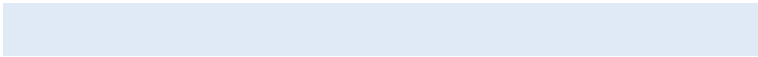
E0EAF7



F7E6DE

Square

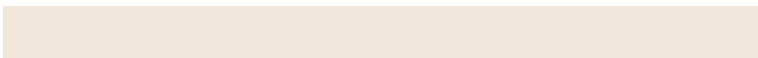
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E0EAF7



F7E4EB



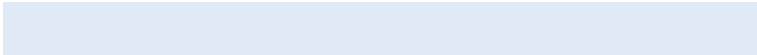
F1E8DB



DAEDE7

Rectangle

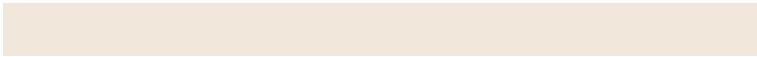
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0EAF7



EEE6F3



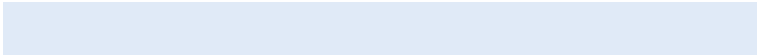
F1E8DB



E3ECDE

Sweetspot

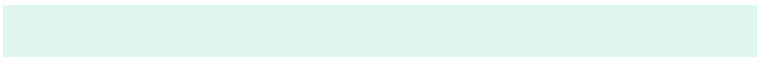
The Sweet Spot groups the original color and five complimentary colors.



E0EAF7



F7FBFF



E0F7ED



7A7D80



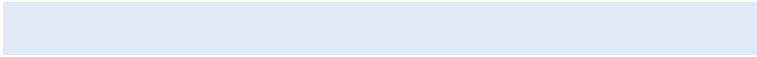
000000



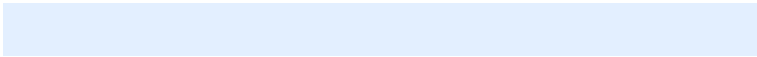
808080

Same Dimension

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



E0EAF7



E3EFFF



E1E0F7



6E737A



0051BA



001A3B

Inverse Universe

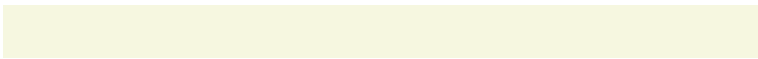
The Inverse Universe completely reimagines the original color for something new.



F7E0EA



FFE3EF



F6F7E0



7A6E73



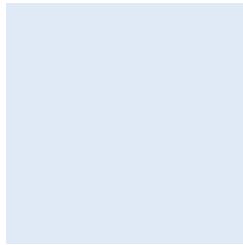
BA0051



3B001A

Previews

White Background



This preview shows how the Hex color E0EAF7 looks on a white background.

Color Contrast Check

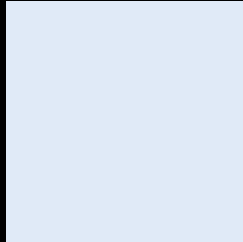
Large Text (above 18pt) WCAG AA × Fail

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 E0EAF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

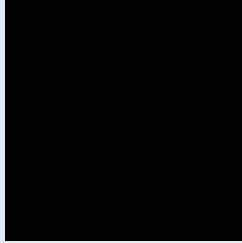
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

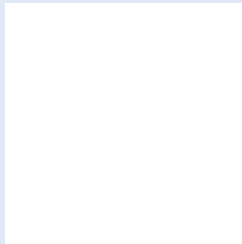
Any Text WCAG AAA ✓ Pass

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

Hex E0EAF7 Background



This preview shows how black text looks on a background with the Hex color E0EAF7.

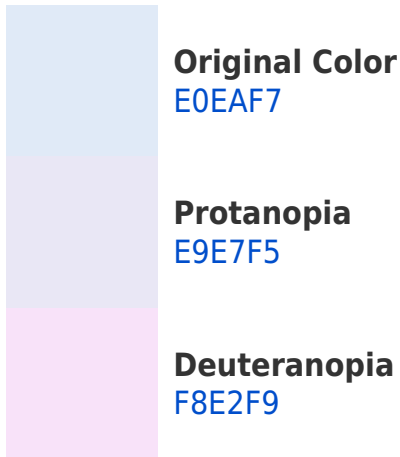


This preview shows how white text looks on a background with the Hex color E0EAF7.

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](#).

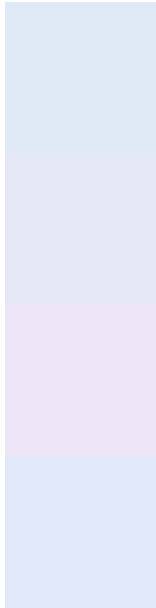
Dichromacy





Tritanopia
E1E9FC

Trichromacy



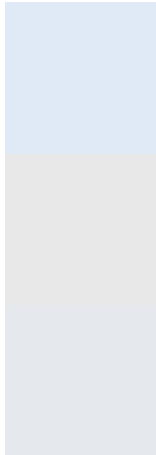
Original Color
E0EAF7

Protanomaly
E6E8F6

Deuteranomaly
EFE5F8

Tritanomaly
E1E9FA

Monochromacy



Original Color
E0EAF7

Achromatopsia
E8E8E8

Achromatomaly
E5E9ED

CSS Examples

Text

The CSS property to change the color of the text to Hex E0EAF7 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 #E0EAF7 looks like.

```
.text, #text, p{  
    color:#E0EAF7  
}
```

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 #E0EAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0EAF7  
}
```

Border

The CSS property to change the border of an element to Hex E0EAF7 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  
#E0EAF7 }
```

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

```
.border{ border-color:#E0EAF7 }
```

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

Here you see how a box with a 4 pixel #E0EAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0EAF7; -webkit-box-shadow:4px 4px  
4px 4px #E0EAF7; box-shadow:4px 4px 4px  
4px #E0EAF7 }
```

Background

The CSS property to change the background color of an element to Hex E0EAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0EAF7 }
```

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

```
.background{ background-color:#E0EAF7 }
```

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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