

Converting Colors

Hex(E5EFF9)

Have a look what the booklet for
Hex(E5EFF9) contains.

Hex(E5EFF9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E5EFF9)

Conversions

Conversions Part 1

Format	Color
Hex	E5EFF9
RGB	229, 239, 249
RGB Percent	90%, 94%, 98%
CMY	0.1020, 0.0627, 0.0235
CMYK	0.08, 0.04, 0.00, 0.02
HSL	210°, 63%, 94%
HSV	210°, 8%, 98%
XYZ	80.2785, 85.2306, 101.8425
YIQ	237.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

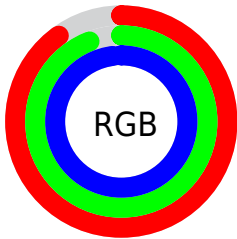
Format	Color
R _Y B	229, 236, 249
Decimal	15069177
CIE Lab	93.98, -1.43, -5.97
CIE LCh	94, 6.137, 256.530
Yxy	85.2306, 0.3003, 0.3188
Android (android.graphics.Color)	4293259257 (0xFFE5EFF9)
YUV	237.1500, 5.8421, -7.1475
Hunter-Lab	92.3204, -6.3436, -0.7810

Details

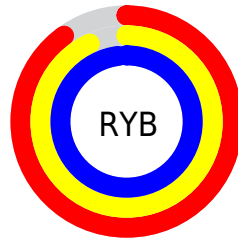
The Hex color **E5EFF9** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F9EFE5**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **ADB7C1** is the 20% darker color. If you saturate the color by 10%, you get **CCE3F9**, and if you desaturate by 10%, it is **FEFBF9**.

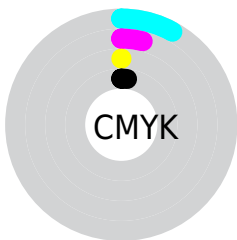
Distribution



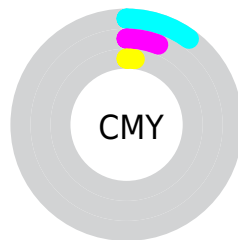
- Red (90%)
- Green (94%)
- Blue (98%)



- Red (90%)
- Yellow (93%)
- Blue (98%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5EFF9 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 E5EFF9 by changing the saturation by 10% instead.

 E5EFF9

FFFFFF

 E5EFF9

 C9D3DC

 ADB7C1

 939CA5


 79828B

 606972

 485159

 323A42

 1C252C

 040F17

 E5EFF9

 E5EFF9

 CCE3F9

 FEFBF9

 B3D6F9

 FFFFF9

 9ACAF9

 81BDF9

 69B1F9

 50A4F9

 3798F9

 1E8BF9

 057FF9

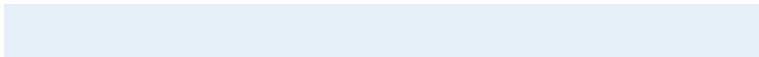
Harmonies

Analogous

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



E1F1F6



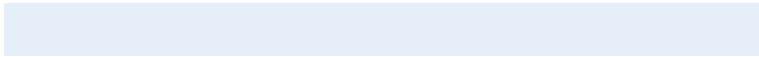
E5EFF9



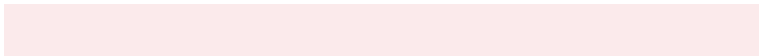
ECEDF9

Triad

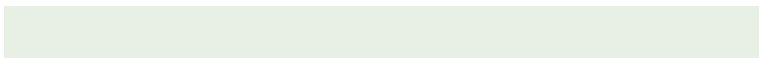
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E5EFF9



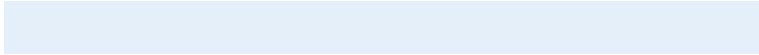
FBEAEB



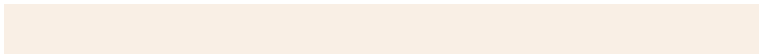
E8F0E5

Complementary

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



E5EFF9



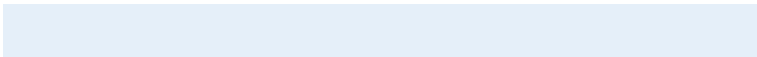
F9EFE5

Split Complementary

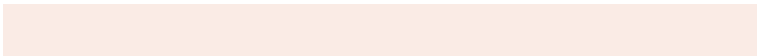
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFEE2



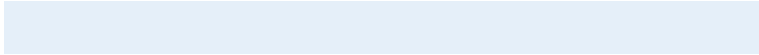
E5EFF9



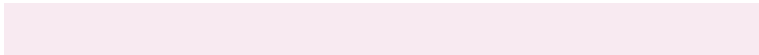
FAEBE5

Square

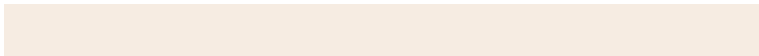
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



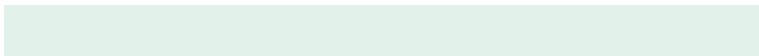
E5EFF9



F8EAF1



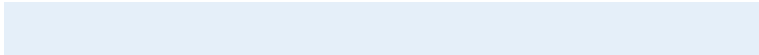
F6ECE2



E3F1EB

Rectangle

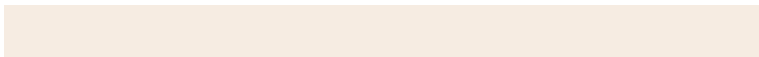
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5EFF9



F1ECF7



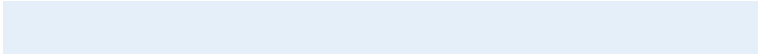
F6ECE2



EBF0E4

Sweetspot

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



E5EFF9



FAFCFF



E5F9EF



7D7E80



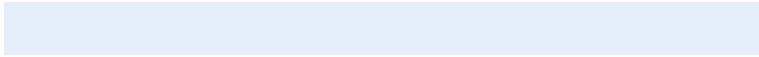
000000



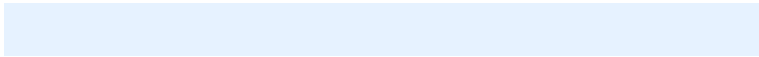
808080

Same Dimension

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



E5EFF9



E6F2FF



E5E5F9



70777D



005EBD



001F3D

Inverse Universe

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



F9E5EF



FFE6F2



F9F9E5



7D7077



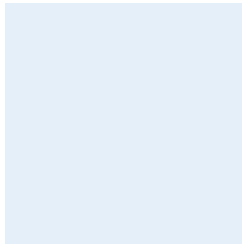
BD005E



3D001F

Previews

White Background



This preview shows how the Hex color E5EFF9 looks on a white background.

Color Contrast Check

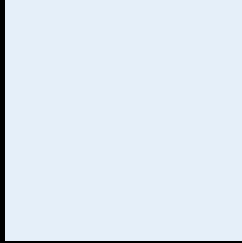
Large Text (above 18pt) WCAG AA × Fail

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 E5EFF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

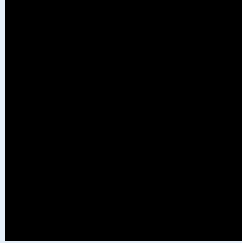
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

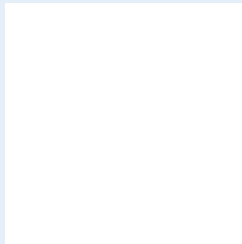
Any Text WCAG AAA ✓ Pass

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

Hex E5EFF9 Background



This preview shows how black text looks on a background with the Hex color E5EFF9.

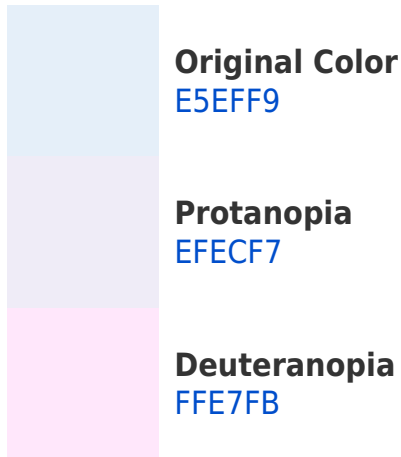


This preview shows how white text looks on a background with the Hex color E5EFF9.

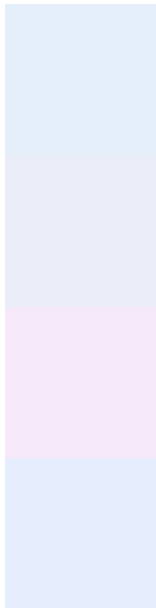
Color Blindness Simulation

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



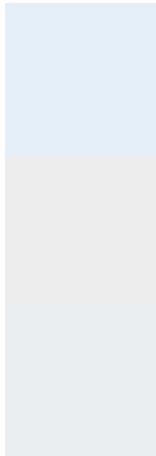
Original Color
E5EFF9

Protanomaly
EBEDF8

Deuteranomaly
F6EAFA

Tritanomaly
E6EEFD

Monochromacy



Original Color
E5EFF9

Achromatopsia
EDED

Achromatomaly
EAEEF1

CSS Examples

Text

The CSS property to change the color of the text to Hex E5EFF9 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 #E5EFF9 looks like.

```
.text, #text, p{  
    color:#E5EFF9  
}
```

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 #E5EFF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5EFF9
}
```

Border

The CSS property to change the border of an element to Hex E5EFF9 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
#E5EFF9 }
```

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

```
.border{ border-color:#E5EFF9 }
```

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

Here you see how a box with a 4 pixel #E5EFF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5EFF9; -webkit-box-shadow:4px 4px  
4px 4px #E5EFF9; box-shadow:4px 4px 4px  
4px #E5EFF9 }
```

Background

The CSS property to change the background color of an element to Hex E5EFF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5EFF9 }
```

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

```
.background{ background-color:#E5EFF9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor