

Converting Colors

Hex(E7EFFF)

Have a look what the booklet for
Hex(E7EFFF) contains.

Hex(E7EFFF)	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(E7EFFF)

Conversions

Conversions Part 1

Format	Color
Hex	E7EFFF
RGB	231, 239, 255
RGB Percent	91%, 94%, 100%
CMY	0.0941, 0.0627, 0.0000
CMYK	0.09, 0.06, 0.00, 0.00
HSL	220°, 100%, 95%
HSV	220°, 9%, 100%
XYZ	81.8715, 85.9419, 106.8811
YIQ	238.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

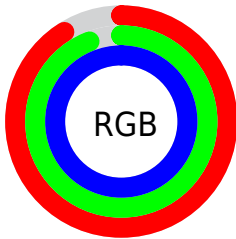
Format	Color
R _Y B	231, 237, 255
Decimal	15200255
CIE Lab	94.29, 0.36, -8.62
CIE LCh	94, 8.623, 272.400
Yxy	85.9419, 0.2980, 0.3129
Android (android.graphics.Color)	4293390335 (0xFFE7EFFF)
YUV	238.4320, 8.1680, -6.5179
Hunter-Lab	92.7049, -4.5928, -3.4631

Details

The Hex color `E7EFFF` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `FFF7E7`, and the grayscale version is `EEEEEE`.

A 20% lighter version of the original color is `FFFFFF`, and `AFB7C6` is the 20% darker color. If you saturate the color by 10%, you get `CEDEFF`, and if you desaturate by 10%, it is `FFFFFF`.

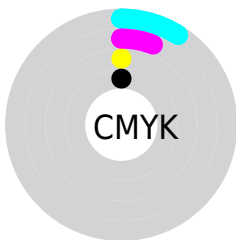
Distribution



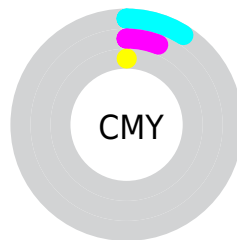
- Red (91%)
- Green (94%)
- Blue (100%)



- Red (91%)
- Yellow (93%)
- Blue (100%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7EFFF 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 E7EFFF by changing the saturation by 10% instead.

 E7EFFF


FFFFFF

 E7EFFF

 CBD3E2

 AFB7C6


 959CAB

 7B8291

 626977

 4A515E

 333A47

 1E2530

 070F1B

 E7EFFF

 E7EFFF

 CEDEFF

FFFFFF

 B4CDFF

 9BBCFF

 81ABFF

 689AFF

 4E89FF

 3578FF

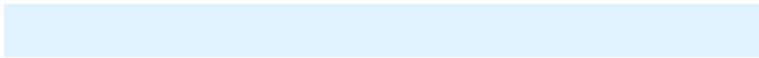
 1B67FF

 0256FF

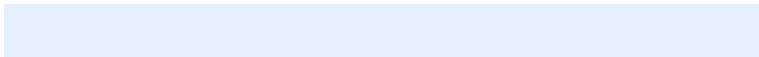
Harmonies

Analogous

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



DFF2FD



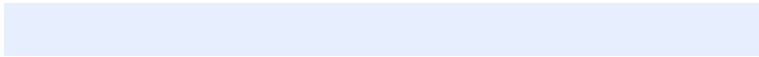
E7EFFF



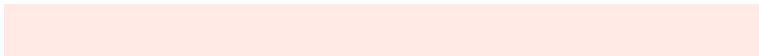
F1ECFD

Triad

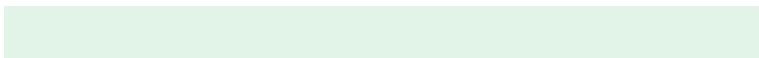
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E7EFFF



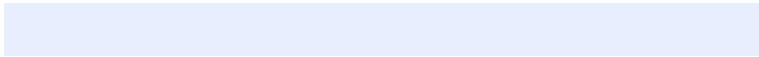
FFEAE6



E2F3E7

Complementary

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



E7EFFF



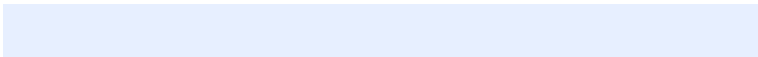
FFF7E7

Split Complementary

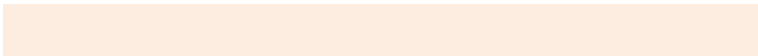
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EBF1E0



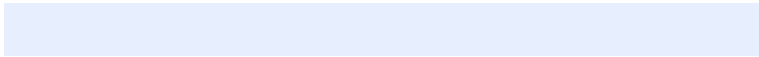
E7EFFF



FDECE0

Square

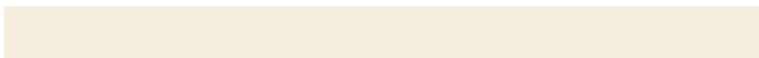
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7EFFF



FFE9EE



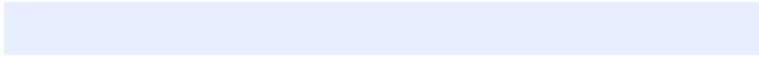
F5EEDE



DCF4EF

Rectangle

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



E7EFFF



F8EBF9



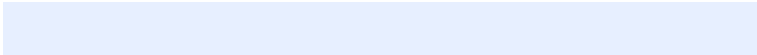
F5EEDE



E5F2E4

Sweetspot

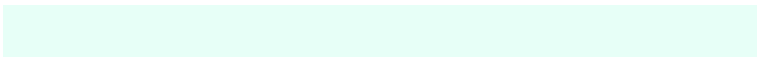
The Sweet Spot groups the original color and five complimentary colors.



E7EFFF



F7FAFF



E7FFF7



7A7C80



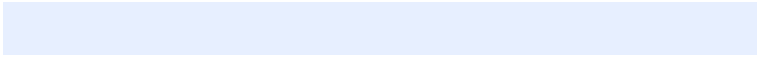
000000



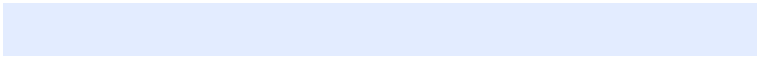
808080

Same Dimension

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



E7EFFF



E3ECFF



EBE7FF



737780



0040BF



001540

Inverse Universe

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



FFE7EF



FFE3EC



FBFFE7



807377



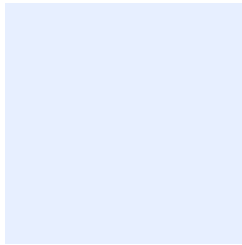
BF0040



400015

Previews

White Background



This preview shows how the Hex color E7EFFF looks on a white background.

Color Contrast Check

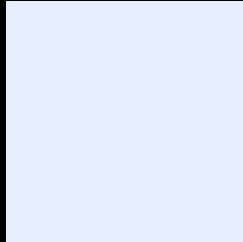
Large Text (above 18pt) WCAG AA × Fail

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 E7EFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

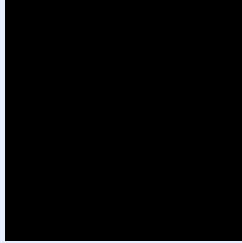
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

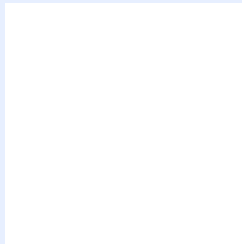
Any Text WCAG AAA ✓ Pass

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

Hex E7EFFF Background



This preview shows how black text looks on a background with the Hex color E7EFFF.



This preview shows how white text looks on a background with the Hex color E7EFFF.

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](#).

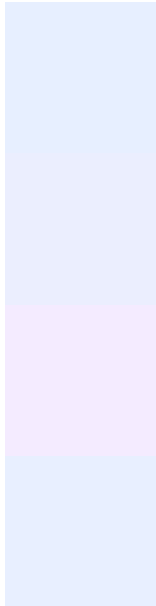
Dichromacy





Tritanopia
E8EFFF

Trichromacy



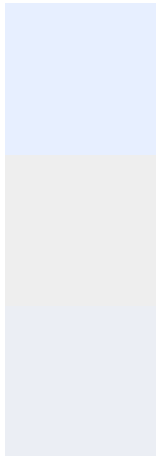
Original Color
E7EFFF

Protanomaly
EBEEFE

Deuteranomaly
F4EBFF

Tritanomaly
E8EFFF

Monochromacy



Original Color
E7EFFF

Achromatopsia
EEEEEE

Achromatomaly
EBEEF4

CSS Examples

Text

The CSS property to change the color of the text to Hex E7EFFF 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 #E7EFFF looks like.

```
.text, #text, p{  
  color:#E7EFFF  
}
```

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 #E7EFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7EFFF }
}
```

Border

The CSS property to change the border of an element to Hex E7EFFF 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 #E7EFFF }
}
```

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

```
.border{ border-color:#E7EFFF }
```

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

Here you see how a box with a 4 pixel #E7EFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7EFFF; -webkit-box-shadow:4px 4px  
4px 4px #E7EFFF; box-shadow:4px 4px 4px  
4px #E7EFFF }
```

Background

The CSS property to change the background color of an element to Hex E7EFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7EFFF }
```

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

```
.background{ background-color:#E7EFFF }
```

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