

Converting Colors

Hex(E6CFF5)

Have a look what the booklet for
Hex(E6CFF5) contains.

Hex(E6CFF5)	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(E6CFF5)

Conversions

Conversions Part 1

Format	Color
Hex	E6CFF5
RGB	230, 207, 245
RGB Percent	90%, 81%, 96%
CMY	0.0980, 0.1882, 0.0392
CMYK	0.06, 0.16, 0.00, 0.04
HSL	276°, 66%, 89%
HSV	276°, 16%, 96%
XYZ	71.4274, 68.0412, 95.7548
YIQ	218.2090, 1.5100, 16.6940

Conversions

Conversions Part 2

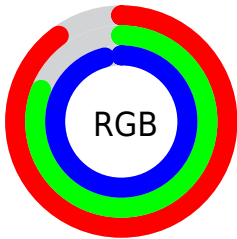
Format	Color
R _Y B	230, 207, 245
Decimal	15126517
CIE Lab	86.03, 14.81, -15.71
CIE LCh	86, 21.588, 313.317
Yxy	68.0412, 0.3037, 0.2893
Android (android.graphics.Color)	4293316597 (0xFFE6CFF5)
YUV	218.2090, 13.2080, 10.3407
Hunter-Lab	82.4871, 10.2146, -11.0856

Details

The Hex color **E6CFF5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DEF5CF**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **AE99BD** is the 20% darker color. If you saturate the color by 10%, you get **DCB7F5**, and if you desaturate by 10%, it is **F0E8F5**.

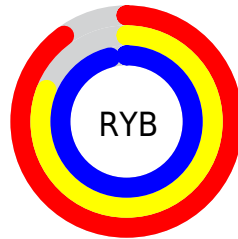
Distribution



Red (90%)

Green (81%)

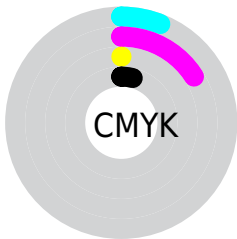
Blue (96%)



Red (90%)

Yellow (81%)

Blue (96%)

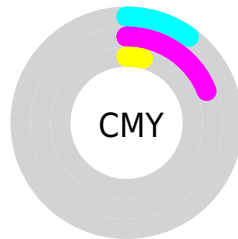


Cyan (6%)

Magenta (16%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (19%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6CFF5 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 E6CFF5 by changing the saturation by 10% instead.

 E6CFF5

FFFFFF

 E6CFF5

 CAB3D9

 AE99BD

 947FA2

 7A6687

 614D6E

 493756

 32213E

 1C0C28

 000113

 E6CFF5

 E6CFF5

 DCB7F5

 F0E8F5

 D39EF5

 F9FFF5

 C985F5

 FFFFF5

 BF6DF5

 B655F5

 AC3CF5

 A224F5

 990BF5

 9400F5

Harmonies

Analogous

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



CCD6FF



E6CFF5



F9CAE3

Triad

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



E6CFF5



F2D2B0



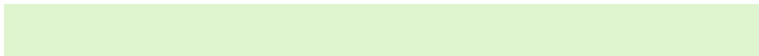
A2E3E0

Complementary

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



E6CFF5



DEF5CF

Split Complementary

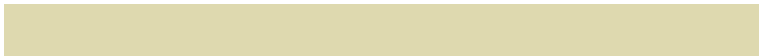
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



B0E2CB



E6CFF5



DED9AF

Square

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



E6CFF5



FFCCBC



C6DEB9



A2E1F2

Rectangle

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



E6CFF5



FFC9D6



C6DEB9



A6E3D9

Sweetspot

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



E6CFF5



FAF2FF



CFDEF5



7C7880



000000



808080

Same Dimension

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



E6CFF5



ECCFFF



F5CFF1



766E7A



7100BA



23003B

Inverse Universe

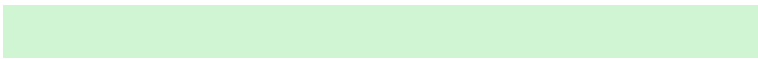
The Inverse Universe completely reimagines the original color for something new.



F5CFDE



FFCFE2



CFF5D3



7A6E73



BA0049



3B0017

Previews

White Background



This preview shows how the Hex color E6CFF5 looks on a white background.

Color Contrast Check

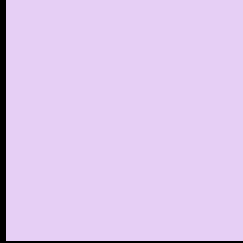
Large Text (above 18pt) WCAG AA × Fail

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 E6CFF5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

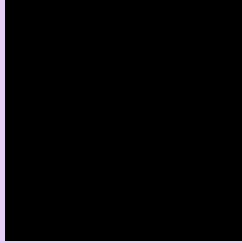
Any Text WCAG AA ✓ Pass

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 E6CFF5 Background



This preview shows how black text looks on a background with the Hex color E6CFF5.

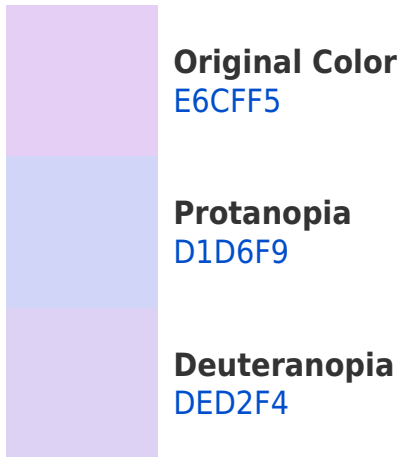


This preview shows how white text looks on a background with the Hex color E6CFF5.

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
E3D2E3

Trichromacy



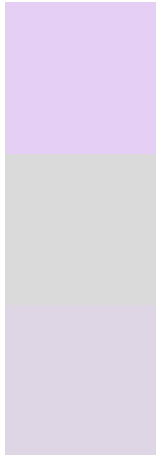
Original Color
E6CFF5

Protanomaly
D9D3F8

Deuteranomaly
E1D1F4

Tritanomaly
E4D1EA

Monochromacy



Original Color
E6CFF5

Achromatopsia
DADADA

Achromatomaly
DED6E4

CSS Examples

Text

The CSS property to change the color of the text to Hex E6CFF5 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 #E6CFF5 looks like.

```
.text, #text, p{  
  color:#E6CFF5  
}
```

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 #E6CFF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6CFF5
}
```

Border

The CSS property to change the border of an element to Hex E6CFF5 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
#E6CFF5 }
```

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

```
.border{ border-color:#E6CFF5 }
```

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

Here you see how a box with a 4 pixel #E6CFF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6CFF5; -webkit-box-shadow:4px 4px  
4px 4px #E6CFF5; box-shadow:4px 4px 4px  
4px #E6CFF5 }
```

Background

The CSS property to change the background color of an element to Hex E6CFF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6CFF5 }
```

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

```
.background{ background-color:#E6CFF5 }
```

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