

# Converting Colors

Hex(E4CFF8)

Have a look what the booklet for  
Hex(E4CFF8) contains.

<b>Hex(E4CFF8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E4CFF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4CFF8
RGB	228, 207, 248
RGB Percent	89%, 81%, 97%
CMY	0.1059, 0.1882, 0.0275
CMYK	0.08, 0.17, 0.00, 0.03
HSL	271°, 75%, 89%
HSV	271°, 17%, 97%
XYZ	71.2510, 67.8969, 98.1570
YIQ	217.9530, -0.6450, 17.2030

# Conversions

## Conversions Part 2

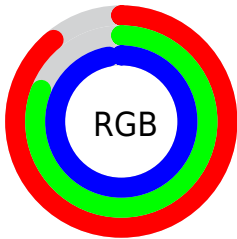
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 207, 248
Decimal	14995448
CIE Lab	85.95, 14.75, -17.42
CIE LCh	86, 22.824, 310.249
Yxy	67.8969, 0.3003, 0.2861
Android (android.graphics.Color)	4293185528 (0xFFE4CFF8)
YUV	217.9530, 14.8132, 8.8112
Hunter-Lab	82.3996, 10.1498, -12.9484

# Details

The Hex color **E4CFF8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3F8CF**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **AC99C0** is the 20% darker color. If you saturate the color by 10%, you get **D8B6F8**, and if you desaturate by 10%, it is **F0E8F8**.

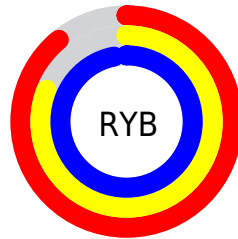
# Distribution



Red (89%)

Green (81%)

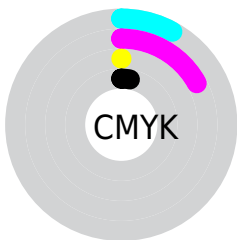
Blue (97%)



Red (89%)

Yellow (81%)

Blue (97%)

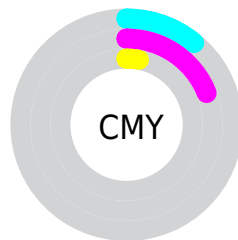


Cyan (8%)

Magenta (17%)

Yellow (0%)

Black (3%)



Cyan (11%)

Magenta (19%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4CFF8 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 E4CFF8 by changing the saturation by 10% instead.



 E4CFF8

FFFFFF

 E4CFF8

 C8B3DB

 AC99C0

 927FA4

 78668A

 5F4E71

 473758

 302141

 1B0C2A

 000115

 E4CFF8

 E4CFF8

 D8B6F8

 F0E8F8

 CC9DF8

 FCFFF8

 C085F8

 FFFFF8

 B46CF8

 A853F8

 9B3AF8

 8F21F8

 8309F8

 7F00F8

# Harmonies

## Analogous

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



C8D6FF



E4CFF8



F9C9E6

# Triad

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



E4CFF8



F5D1AF



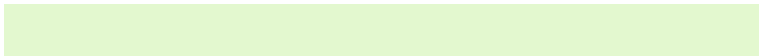
9FE4DE

# Complementary

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



E4CFF8



E3F8CF

# 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.



B0E2C8



E4CFF8



E0D8AC

# Square

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



E4CFF8



FFCBBC



C8DEB6



9DE2F2

# Rectangle

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



E4CFF8



FFC8D8



C8DEB6



A4E3D6



# Sweetspot

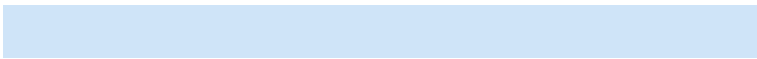
The Sweet Spot groups the original color and five complimentary colors.



E4CFF8



F9F2FF



CFE4F8



7C7880



000000



808080



# Same Dimension

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



E4CFF8



E6CCFF



F8CFF8



77707D



6100BD



1F003D



# Inverse Universe

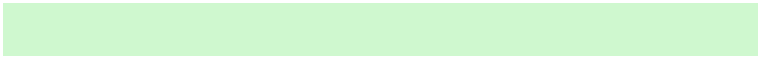
The Inverse Universe completely reimagines the original color for something new.



F8CFE3



FFCCE5



CFF8CF



7D7077



BD005C

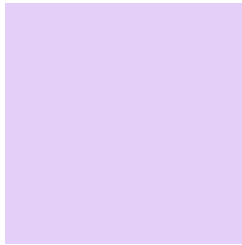


3D001E



# Previews

## White Background



This preview shows how the Hex color E4CFF8 looks on a white background.

## Color Contrast Check

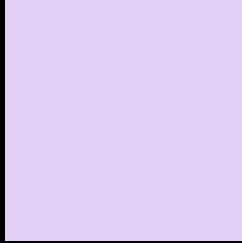
Large Text (above 18pt) WCAG AA × Fail

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 E4CFF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

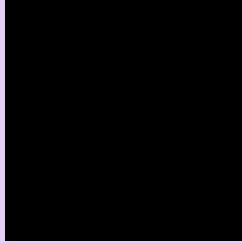
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

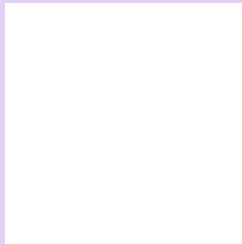
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4CFF8 Background



This preview shows how black text looks on a background with the Hex color E4CFF8.

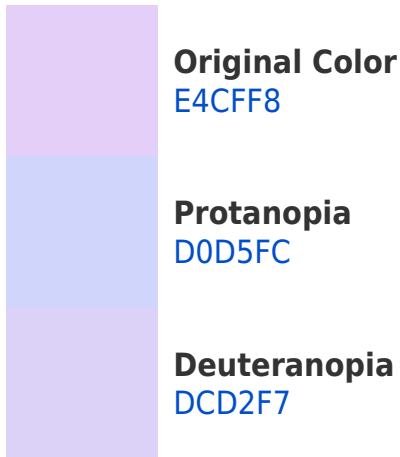


This preview shows how white text looks on a background with the Hex color E4CFF8.

# 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**  
E1D3E3

# Trichromacy



**Original Color**  
E4CFF8

**Protanomaly**  
D7D3FB

**Deuteranomaly**  
DFD1F7

**Tritanomaly**  
E2D2EB

# Monochromacy



**Original Color**  
E4CFF8

**Achromatopsia**  
DADADA

**Achromatomaly**  
DED6E5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4CFF8 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 #E4CFF8 looks like.

```
.text, #text, p{  
    color:#E4CFF8  
}
```

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 #E4CFF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4CFF8 }  
}
```

## Border

The CSS property to change the border of an element to Hex E4CFF8 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 #E4CFF8 }  
}
```

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

```
.border{ border-color:#E4CFF8 }
```

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

Here you see how a box with a 4 pixel #E4CFF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4CFF8; -webkit-box-shadow:4px 4px  
4px 4px #E4CFF8; box-shadow:4px 4px 4px  
4px #E4CFF8 }
```

# Background

The CSS property to change the background color of an element to Hex E4CFF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4CFF8 }
```

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

```
.background{ background-color:#E4CFF8 }
```

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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