

# Converting Colors

Hex(E7CDFE)

Have a look what the booklet for  
Hex(E7CDFE) contains.

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# **Color**

**Hex(E7CDFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7CDFE
RGB	231, 205, 254
RGB Percent	91%, 80%, 100%
CMY	0.0941, 0.1961, 0.0039
CMYK	0.09, 0.19, 0.00, 0.00
HSL	272°, 96%, 90%
HSV	272°, 19%, 100%
XYZ	72.6757, 67.8073, 103.0236
YIQ	218.3600, -0.2330, 20.7510

# Conversions

## Conversions Part 2

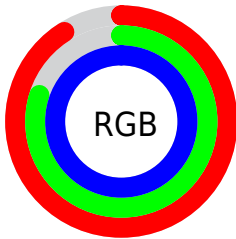
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 205, 254
Decimal	15191550
CIE Lab	85.91, 17.95, -20.64
CIE LCh	86, 27.351, 311.010
Yxy	67.8073, 0.2985, 0.2785
Android (android.graphics.Color)	4293381630 (0xFFE7CDFE)
YUV	218.3600, 17.5705, 11.0853
Hunter-Lab	82.3452, 13.4353, -16.5372

# Details

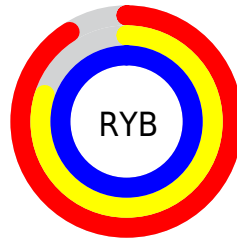
The Hex color **E7CDFE** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **E4FECD**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **AF97C5** is the 20% darker color. If you saturate the color by 10%, you get **DBB4FE**, and if you desaturate by 10%, it is **F3E6FE**.

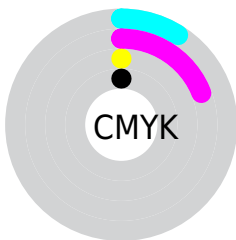
# Distribution



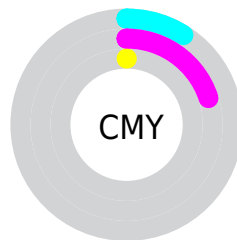
- Red (91%)
- Green (80%)
- Blue (100%)



- Red (91%)
- Yellow (80%)
- Blue (100%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7CDFE 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 E7CDFE by changing the saturation by 10% instead.



 E7CDFE

FFFFFF

 E7CDFE

 CBB1E1

 AF97C5

 947DAA

 7A648F

 614C76

 49355D

 311F45

 1C0A2F

 00011A

 E7CDFE

 E7CDFE

 DBB4FE

 F3E6FE

 CF9AFE

FFFFFFE

 C381FE

 B767FE

 AB4EFE

 9F35FE

 941BFE

 8802FE

 8700FE

# Harmonies

## Analogous

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



C5D6FF



E7CDFE



FFC6E8

# Triad

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



E7CDFE



F9D0A6



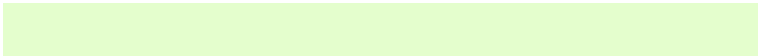
91E6E0

# Complementary

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



E7CDFE



E4FECD

# 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.



A6E4C5



E7CDFE



E0D8A4

# Square

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



E7CDFE



FFC8B6



C3E0AF



8EE4F8

# Rectangle

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



E7CDFE



FFC4D7



C3E0AF



97E6D7



# Sweetspot

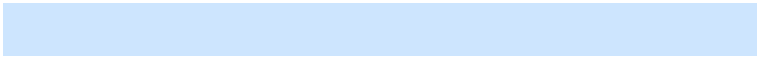
The Sweet Spot groups the original color and five complimentary colors.



E7CDFE



F8F0FF



CDE5FE



7B7780



000000



808080



# Same Dimension

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



E7CDFE



E3C4FF



FECDFD



7A7380



6500BF



220040



# Inverse Universe

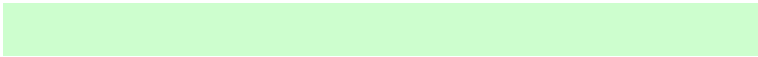
The Inverse Universe completely reimagines the original color for something new.



FECDE4



FFC4E0



CDFECE



807379



BF005A

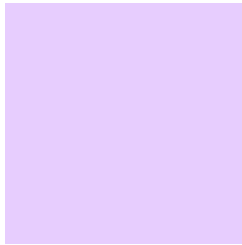


40001E



# Previews

## White Background



This preview shows how the Hex color E7CDFE looks on a white background.

## Color Contrast Check

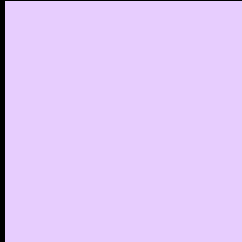
Large Text (above 18pt) WCAG AA × Fail

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 E7CDFE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

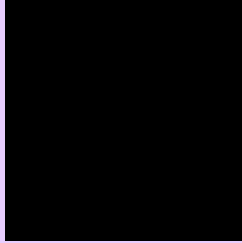
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7CDFE Background



This preview shows how black text looks on a background with the Hex color E7CDFE.

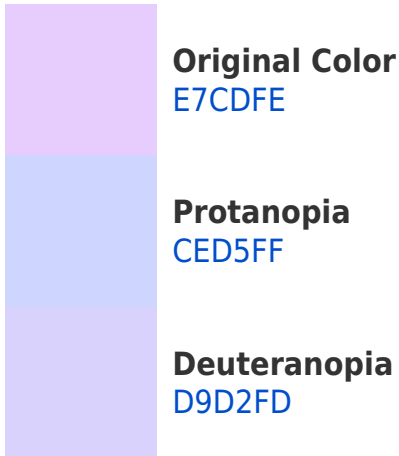


This preview shows how white text looks on a background with the Hex color E7CDFE.

# 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**  
E3D2E2

# Trichromacy



**Original Color**  
E7CDFE

**Protanomaly**  
D7D2FF

**Deuteranomaly**  
DED0FD

**Tritanomaly**  
E4D0EC

# Monochromacy



**Original Color**  
E7CDFE

**Achromatopsia**  
DADADA

**Achromatomaly**  
DFD5E7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7CDFE 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 #E7CDFE looks like.

```
.text, #text, p{  
    color:#E7CDFE  
}
```

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 #E7CDFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7CDFE
}
```

## Border

The CSS property to change the border of an element to Hex E7CDFE is called "border". The border property can be set on classes, ids or directly on the HTML element.

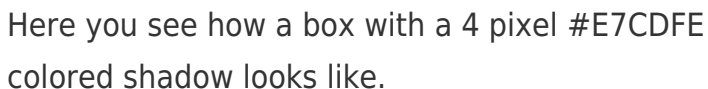
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E7CDFE }
```

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

```
.border{ border-color:#E7CDFE }
```

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



Here you see how a box with a 4 pixel #E7CDFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7CDFE; -webkit-box-shadow:4px 4px  
4px 4px #E7CDFE; box-shadow:4px 4px 4px  
4px #E7CDFE }
```

# Background

The CSS property to change the background color of an element to Hex E7CDFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7CDFE }
```

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

```
.background{ background-color:#E7CDFE }
```

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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