

Converting Colors

Hex(E7BDFF)

Have a look what the booklet for
Hex(E7BDFF) contains.

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Color

Hex(E7BDFF)

Conversions

Conversions Part 1

Format	Color
Hex	E7BDFE
RGB	231, 189, 255
RGB Percent	91%, 74%, 100%
CMY	0.0941, 0.2588, 0.0000
CMYK	0.09, 0.26, 0.00, 0.00
HSL	278°, 100%, 87%
HSV	278°, 26%, 100%
XYZ	69.2026, 60.6041, 102.6581
YIQ	209.0820, 3.8460, 29.4300

Conversions

Conversions Part 2

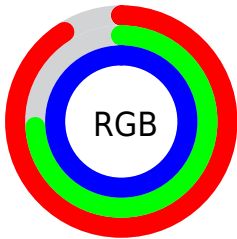
Format	Color
R _Y B	231, 189, 255
Decimal	15187455
CIE Lab	82.17, 26.69, -26.86
CIE LCh	82, 37.864, 314.810
Yxy	60.6041, 0.2977, 0.2607
Android (android.graphics.Color)	4293377535 (0xFFE7BDF5)
YUV	209.0820, 22.6376, 19.2221
Hunter-Lab	77.8486, 22.4402, -23.6910

Details

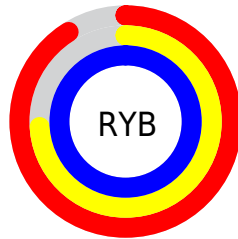
The Hex color **E7BDFF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D5FFBD**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFF6FF**, and **AF87C6** is the 20% darker color. If you saturate the color by 10%, you get **DEA4FF**, and if you desaturate by 10%, it is **F0D7FF**.

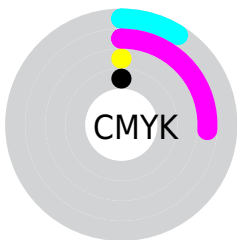
Distribution



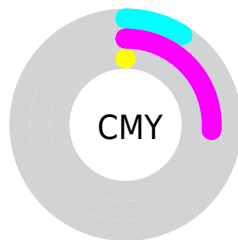
- Red (91%)
- Green (74%)
- Blue (100%)



- Red (91%)
- Yellow (74%)
- Blue (100%)



- Cyan (9%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7BDFF 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 E7BDFF by changing the saturation by 10% instead.

 E7BDFF

 E7BDFF

FFFFFF

 CBA2E2

 FFF6FF

 AF87C6

 946EAB

 795590

 603D76

 47265D

 2F1045

 1C002F

 000119

 E7BDFF

 E7BDFF

 DEA4FF

 F0D7FF

 D48AFF

 FAF0FF

 CB71FF

 FFFFFFFF

 C257FF

 B93EFF

 AF24FF

 A60BFF

 A200FF

Harmonies

Analogous

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



B7CAFF



E7BDFE



FFB4E0

Triad

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



E7BDFE



F5C488



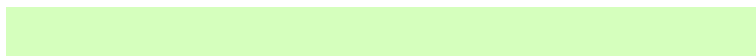
5AE0DD

Complementary

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



E7BDFE



D5FFBD

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.



80DEB9



E7BDFE



D3D087

Square

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



E7BDFE



FFB89C



ABD999



55DDFD

Rectangle

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



E7BDFE



FFB1C8



ABD999



65E0D1

Sweetspot

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



E7BDFF



F8EBFF



BDD5FF



7B7380



000000



808080

Same Dimension

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



E7BDFE



E2B0FF



FFBDF6



7B7380



7A00BF



290040

Inverse Universe

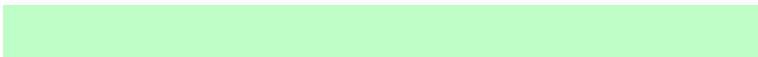
The Inverse Universe completely reimagines the original color for something new.



FFBDD5



FFB0CD



BDFFC6



807377



BF0046



400017

Previews

White Background



This preview shows how the Hex color E7BDFF looks on a white background.

Color Contrast Check

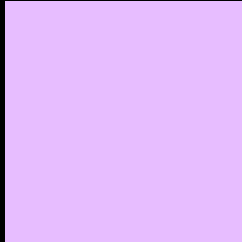
Large Text (above 18pt) WCAG AA × Fail

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 E7BDFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

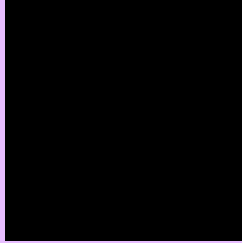
Any Text WCAG AA ✓ Pass

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 E7BDFF Background



This preview shows how black text looks on a background with the Hex color E7BDFF.



This preview shows how white text looks on a background with the Hex color E7BDFF.

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](#).

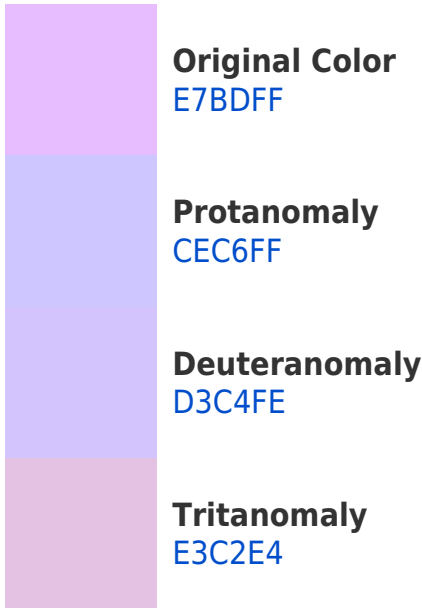
Dichromacy



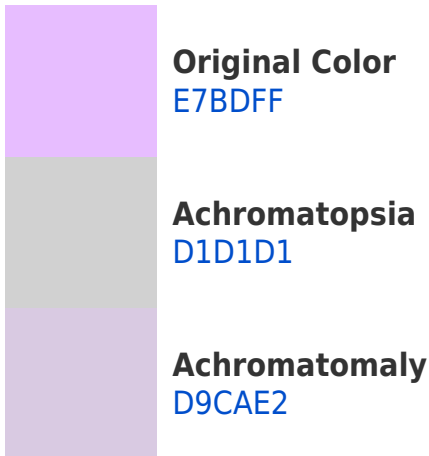


Tritanopia
E0C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E7BDFF 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 #E7BDFF looks like.

```
.text, #text, p{  
  color:#E7BDFF  
}
```

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 #E7BDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7BDFF
}
```

Border

The CSS property to change the border of an element to Hex E7BDFF 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
#E7BDFF }
```

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

```
.border{ border-color:#E7BDFF }
```

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

Here you see how a box with a 4 pixel #E7BDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7BDFF; -webkit-box-shadow:4px 4px  
4px 4px #E7BDFF; box-shadow:4px 4px 4px  
4px #E7BDFF }
```

Background

The CSS property to change the background color of an element to Hex E7BDFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7BDFE }
```

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

```
.background{ background-color:#E7BDFE }
```

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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