

# Converting Colors

Hex(E6BFFD)

Have a look what the booklet for  
Hex(E6BFFD) contains.

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# **Color**

**Hex(E6BFFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6BFFD
RGB	230, 191, 253
RGB Percent	90%, 75%, 99%
CMY	0.0980, 0.2510, 0.0078
CMYK	0.09, 0.25, 0.00, 0.01
HSL	278°, 94%, 87%
HSV	278°, 25%, 99%
XYZ	68.9936, 61.1764, 101.1004
YIQ	209.7290, 3.3420, 27.5500

# Conversions

## Conversions Part 2

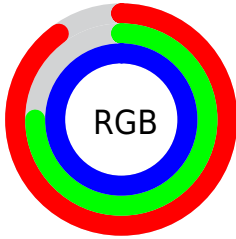
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 191, 253
Decimal	15122429
CIE <sub>Lab</sub>	82.47, 24.90, -25.33
CIE <sub>LCh</sub>	82, 35.526, 314.509
Y <sub>xy</sub>	61.1764, 0.2983, 0.2645
Android (android.graphics.Color)	4293312509 (0xFFE6BFFD)
Y <sub>UV</sub>	209.7290, 21.3326, 17.7777
Hunter-Lab	78.2154, 20.5774, -21.8869

# Details

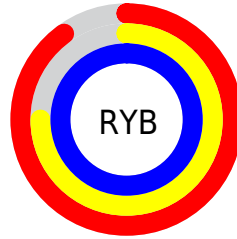
The Hex color **E6BFFD** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D6FDBF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFF8FF**, and **AE89C4** is the 20% darker color. If you saturate the color by 10%, you get **DDA6FD**, and if you desaturate by 10%, it is **EFD8FD**.

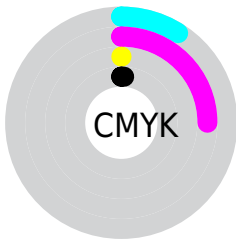
# Distribution



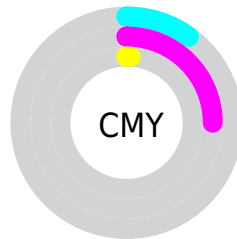
- Red (90%)
- Green (75%)
- Blue (99%)



- Red (90%)
- Yellow (75%)
- Blue (99%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (1%)



- Cyan (10%)
- Magenta (25%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6BFFD 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 E6BFFD by changing the saturation by 10% instead.



 E6BFFD

 E6BFFD

FFFFFF

 CAA4E0

 FFF8FF

 AE89C4

 9370A9

 79578E

 5F3F75

 47285C

 2F1344

 1B002E

 000118

 E6BFFD

 E6BFFD

 DDA6FD

 EFD8FD

 D38CFD

 F9F2FD

 CA73FD

FFFFFFD

 C05AFD

 B741FD

 AE27FD

 A40EFD

 9F00FD

# Harmonies

## Analogous

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



B9CBFF



E6BFFD



FFB6E0

# Triad

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



E6BFFD



F4C58D



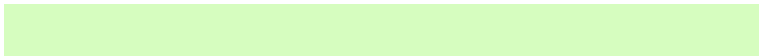
67E0DD

# Complementary

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



E6BFFD



D6FDBF

# 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.



88DEBA



E6BFFD



D4D08C

# Square

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



E6BFFD



FFBBA0



AFD99D



63DDFB

# Rectangle

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



E6BFFD



FFB4C9



AFD99D



70E0D1



# Sweetspot

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



E6BFFD



F8EDFF



BFD7FD



7C7580



000000



808080



# Same Dimension

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



E6BFFD



E4B5FF



FDBFF6



7B7380



7800BF



280040



# Inverse Universe

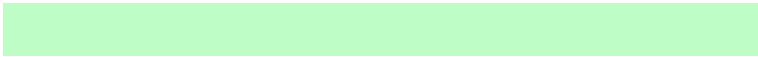
The Inverse Universe completely reimagines the original color for something new.



FDBFD6



FFB5D0



BFFDC6



807377



BF0047

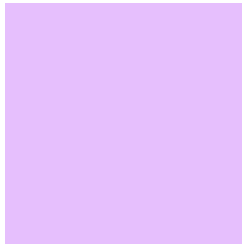


400018



# Previews

## White Background



This preview shows how the Hex color E6BFFD looks on a white background.

## Color Contrast Check

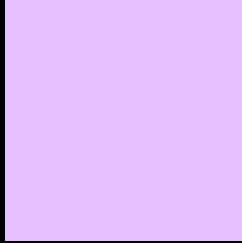
Large Text (above 18pt) WCAG AA × Fail

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 E6BFFD 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 E6BFFD Background



This preview shows how black text looks on a background with the Hex color E6BFFD.



This preview shows how white text looks on a background with the Hex color E6BFFD.

# 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**  
E0C6D6

# Trichromacy



**Original Color**  
E6BFFD



**Protanomaly**  
CEC7FE



**Deuteranomaly**  
D4C5FC

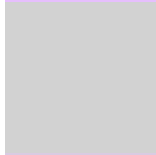


**Tritanomaly**  
E2C3E4

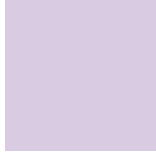
# Monochromacy



**Original Color**  
E6BFFD



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
D9CBE2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6BFFD 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 #E6BFFD looks like.

```
.text, #text, p{  
    color:#E6BFFD  
}
```

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 #E6BFFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6BFFD
}
```

## Border

The CSS property to change the border of an element to Hex E6BFFD 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
#E6BFFD }
```

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

```
.border{ border-color:#E6BFFD }
```

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

Here you see how a box with a 4 pixel #E6BFFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6BFFD; -webkit-box-shadow:4px 4px  
4px 4px #E6BFFD; box-shadow:4px 4px 4px  
4px #E6BFFD }
```

# Background

The CSS property to change the background color of an element to Hex E6BFFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6BFFD }
```

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

```
.background{ background-color:#E6BFFD }
```

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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