

Converting Colors

Hex(E6BDFF)

Have a look what the booklet for
Hex(E6BDFF) contains.

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Color

Hex(E6BDFF)

Conversions

Conversions Part 1

Format	Color
Hex	E6BDFE
RGB	230, 189, 255
RGB Percent	90%, 74%, 100%
CMY	0.0980, 0.2588, 0.0000
CMYK	0.10, 0.26, 0.00, 0.00
HSL	277°, 100%, 87%
HSV	277°, 26%, 100%
XYZ	68.8807, 60.4382, 102.6431
YIQ	208.7830, 3.2500, 29.2180

Conversions

Conversions Part 2

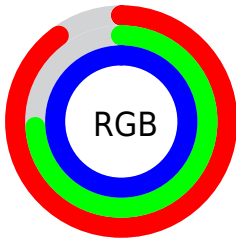
Format	Color
R _Y B	230, 189, 255
Decimal	15121919
CIE _{Lab}	82.08, 26.37, -27.01
CIE _{LCh}	82, 37.749, 314.319
Y _{xy}	60.4382, 0.2969, 0.2606
Android (android.graphics.Color)	4293311999 (0xFFE6BDFE)
Y _{UV}	208.7830, 22.7850, 18.6073
Hunter-Lab	77.7420, 22.1055, -23.8614

Details

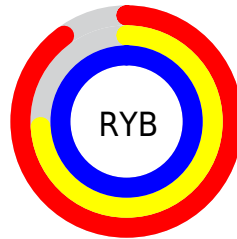
The Hex color **E6BDFF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D6FFBD**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFF6FF**, and **AE87C6** is the 20% darker color. If you saturate the color by 10%, you get **DCA4FF**, and if you desaturate by 10%, it is **F0D7FF**.

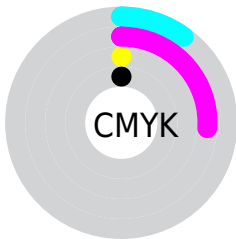
Distribution



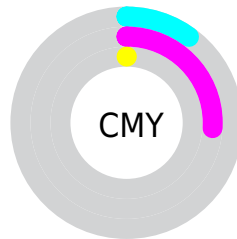
- Red (90%)
- Green (74%)
- Blue (100%)



- Red (90%)
- Yellow (74%)
- Blue (100%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6BDFF 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 E6BDFF by changing the saturation by 10% instead.

 E6BDFF

FFFFFF

 FFF6FF

 E6BDFF

 CAA2E2

 AE87C6

 936EAB

 795590

 5F3D76

 46275D

 2F1145

 1B002F

 000119

 E6BDFE

 E6BDFE

 DCA4FE

 F0D7FE

 D38AFE

 F9F0FE

 C971FE

FFFFFF

 BF57FE

 B63EFE

 AC24FE

 A20BFE

 9E00FE

Harmonies

Analogous

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



B6CAFF



E6BDFE



FFB3E0

Triad

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



E6BDFE



F5C488



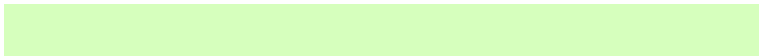
5BDFDC

Complementary

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



E6BDFE



D6FFBD

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.



81DEB8



E6BDFE



D3CF87

Square

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



E6BDFE



FFB89C



ACD998



55DCFC

Rectangle

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



E6BDFE



FFB1C8



ACD998



66E0D0

Sweetspot

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



E6BDFE



F7EBFF



BDD6FF



7B7380



000000



808080

Same Dimension

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



E6BDFE



E1B0FF



FFBDF7



7B7380



7700BF



280040

Inverse Universe

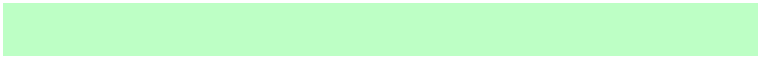
The Inverse Universe completely reimagines the original color for something new.



FFBDD6



FFB0CE



BDFFC5



807378



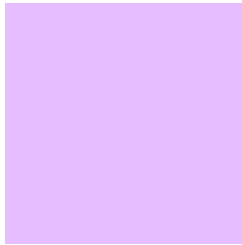
BF0048



400018

Previews

White Background



This preview shows how the Hex color E6BDFF looks on a white background.

Color Contrast Check

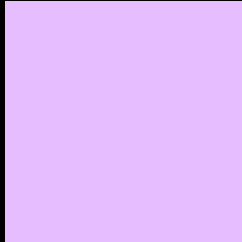
Large Text (above 18pt) WCAG AA × Fail

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 E6BDFE 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 E6BDFF Background



This preview shows how black text looks on a background with the Hex color E6BDFF.

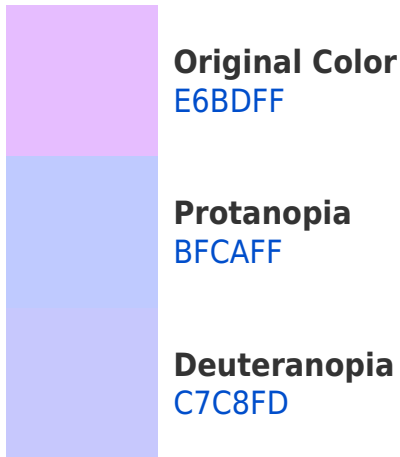


This preview shows how white text looks on a background with the Hex color E6BDFF.

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](#).

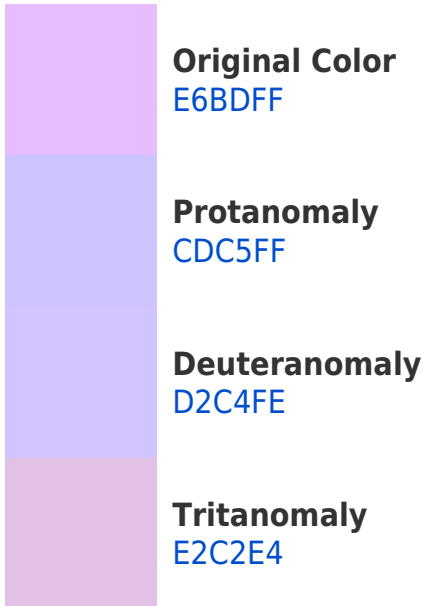
Dichromacy



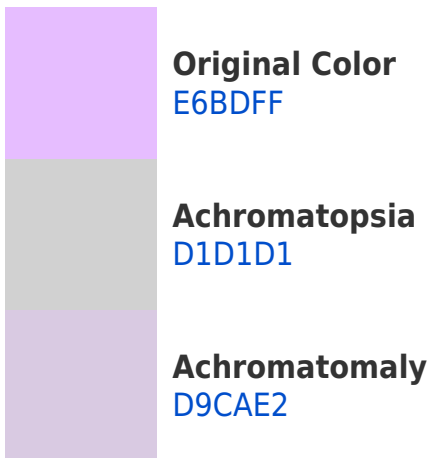


Tritanopia
DFC5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E6BDFF 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 #E6BDFF looks like.

```
.text, #text, p{  
    color:#E6BDFF  
}
```

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 #E6BDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6BDFF
}
```

Border

The CSS property to change the border of an element to Hex E6BDFF 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
#E6BDFF }
```

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

```
.border{ border-color:#E6BDFF }
```

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

Here you see how a box with a 4 pixel #E6BDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6BDFF; -webkit-box-shadow:4px 4px  
4px 4px #E6BDFF; box-shadow:4px 4px 4px  
4px #E6BDFF }
```

Background

The CSS property to change the background color of an element to Hex E6BDFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6BDFE }
```

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

```
.background{ background-color:#E6BDFE }
```

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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