

Converting Colors

Hex(E6BFF9)

Have a look what the booklet for
Hex(E6BFF9) contains.

Hex(E6BFF9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E6BFF9)

Conversions

Conversions Part 1

Format	Color
Hex	E6BFF9
RGB	230, 191, 249
RGB Percent	90%, 75%, 98%
CMY	0.0980, 0.2510, 0.0235
CMYK	0.08, 0.23, 0.00, 0.02
HSL	280°, 83%, 86%
HSV	280°, 23%, 98%
XYZ	68.3628, 60.9242, 97.7790
YIQ	209.2730, 4.6260, 26.3060

Conversions

Conversions Part 2

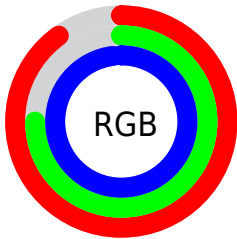
Format	Color
R _Y B	230, 191, 249
Decimal	15122425
CIE Lab	82.34, 24.11, -23.41
CIE LCh	82, 33.607, 315.852
Yxy	60.9242, 0.3011, 0.2683
Android (android.graphics.Color)	4293312505 (0xFFE6BFF9)
YUV	209.2730, 19.5854, 18.1776
Hunter-Lab	78.0539, 19.7432, -19.6354

Details

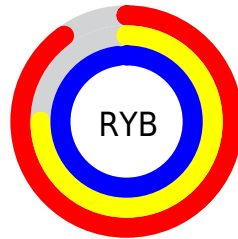
The Hex color **E6BFF9** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D2F9BF**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFF8FF**, and **AE89C0** is the 20% darker color. If you saturate the color by 10%, you get **DEA6F9**, and if you desaturate by 10%, it is **EED8F9**.

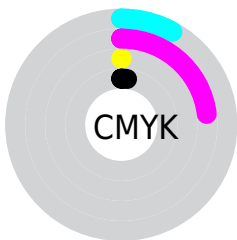
Distribution



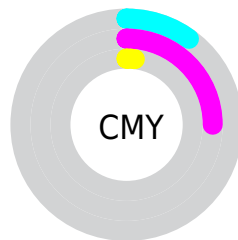
- Red (90%)
- Green (75%)
- Blue (98%)



- Red (90%)
- Yellow (75%)
- Blue (98%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6BFF9 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 E6BFF9 by changing the saturation by 10% instead.

 E6BFF9

FFFFFF

 FFF8FF

 E6BFF9

 CAA4DC

 AE89C0

 9370A5

 79578B

 603F71

 472958

 301341

 1C002B

 000115

 E6BFF9

 E6BFF9

 DEA6F9

 EED8F9

 D68DF9

 F6F1F9

 CE74F9

 FEFFF9

 C55BF9

 FFFFF9

 BD43F9

 B52AF9

 AD11F9

 A700F9

Harmonies

Analogous

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



BDCAFF



E6BFF9



FFB7DD

Triad

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



E6BFF9



F1C690



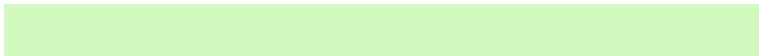
6EDED

Complementary

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



E6BFF9



D2F9BF

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.



8ADDBC



E6BFF9



D2D090

Square

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



E6BFF9



FFBCA1



AED8A0



6DDBF9

Rectangle

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



E6BFF9



FFB5C8



AED8A0



75DED2

Sweetspot

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



E6BFF9



F9EDFF



BFD2F9



7C7580



000000



808080

Same Dimension

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



E6BFF9



E8B8FF



F9BFEF



79707D



7F00BD



29003D

Inverse Universe

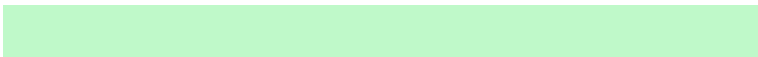
The Inverse Universe completely reimagines the original color for something new.



F9BFD2



FFB8CF



BFF9C9



7D7075



BD003E



3D0014

Previews

White Background



This preview shows how the Hex color E6BFF9 looks on a white background.

Color Contrast Check

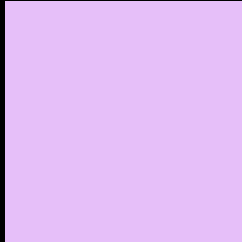
Large Text (above 18pt) WCAG AA × Fail

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 E6BFF9 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 E6BFF9 Background



This preview shows how black text looks on a background with the Hex color E6BFF9.

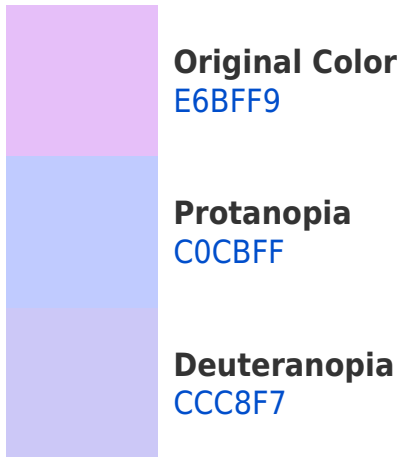


This preview shows how white text looks on a background with the Hex color E6BFF9.

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
E0C6D5

Trichromacy



Original Color
E6BFF9



Protanomaly
CEC7FD



Deuteranomaly
D5C5F8

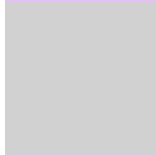


Tritanomaly
E2C3E2

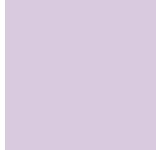
Monochromacy



Original Color
E6BFF9



Achromatopsia
D1D1D1



Achromatomaly
D9CAE0

CSS Examples

Text

The CSS property to change the color of the text to Hex E6BFF9 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 #E6BFF9 looks like.

```
.text, #text, p{  
    color:#E6BFF9  
}
```

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 #E6BFF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6BFF9
}
```

Border

The CSS property to change the border of an element to Hex E6BFF9 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
#E6BFF9 }
```

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

```
.border{ border-color:#E6BFF9 }
```

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

Here you see how a box with a 4 pixel #E6BFF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6BFF9; -webkit-box-shadow:4px 4px  
4px 4px #E6BFF9; box-shadow:4px 4px 4px  
4px #E6BFF9 }
```

Background

The CSS property to change the background color of an element to Hex E6BFF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6BFF9 }
```

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

```
.background{ background-color:#E6BFF9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor