

Converting Colors

Hex(E6AFE9)

Have a look what the booklet for
Hex(E6AFE9) contains.

Hex(E6AFE9)	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(E6AFE9)

Conversions

Conversions Part 1

Format	Color
Hex	E6AFE9
RGB	230, 175, 233
RGB Percent	90%, 69%, 91%
CMY	0.0980, 0.3137, 0.0863
CMYK	0.01, 0.25, 0.00, 0.09
HSL	297°, 57%, 80%
HSV	297°, 25%, 91%
XYZ	62.6711, 53.3661, 84.0884
YIQ	198.0570, 14.1620, 29.6980

Conversions

Conversions Part 2

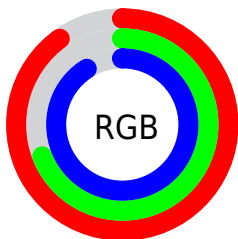
Format	Color
R_{YB}	230, 175, 233
Decimal	15118313
CIE _{Lab}	78.09, 29.63, -21.27
CIE _{LCh}	78, 36.471, 324.326
Yxy	53.3661, 0.3132, 0.2667
Android (android.graphics.Color)	4293308393 (0xFFE6AFE9)
YUV	198.0570, 17.2269, 28.0140
Hunter-Lab	73.0521, 25.2931, -17.1107

Details

The Hex color **E6AFE9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B2E9AF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFE7FF**, and **AE7AB1** is the 20% darker color. If you saturate the color by 10%, you get **E598E9**, and if you desaturate by 10%, it is **E7C6E9**.

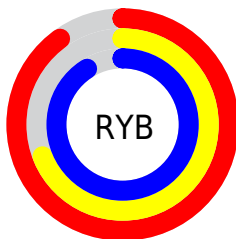
Distribution



Red (90%)

Green (69%)

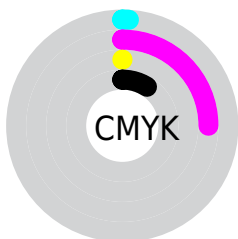
Blue (91%)



Red (90%)

Yellow (69%)

Blue (91%)

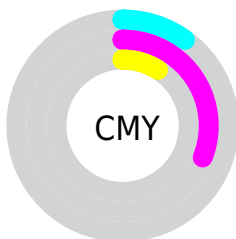


Cyan (1%)

Magenta (25%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6AFE9 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 E6AFE9 by changing the saturation by 10% instead.

 E6AFE9

FFFFFF

 FFE7FF

 E6AFE9

 CA94CD

 AE7AB1

 936196

 78487C

 5F3063

 46194B

 2F0234

 1A001F

 000002

 E6AFE9

 E6AFE9

 E598E9


 E7C6E9

 E480E9

 E8DEE9

 E269E9

 EAF5E9

 E152E9

 EBFEE9

 E03BE9

 ECFFE9

 DF23E9

 EDFFE9

 DE0CE9

 EEFFE9

 DD00E9

 F0FFE9

 F1FFE9

Harmonies

Analogous

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



BDBBFF



E6AFE9



FFA8C9

Triad

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



E6AFE9



DEBD7E



4DD3DC

Complementary

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



E6AFE9



B2E9AF

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.



6CD3B9



E6AFE9



BCC783

Square

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



E6AFE9



F8B18B



95CF99



59CFF7

Rectangle

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



E6AFE9



FFA8B2



95CF99



54D4D1

Sweetspot

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



E6AFE9



FEEDFF



AFB3E9



7F7580



000000



808080

Same Dimension

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



E6AFE9



FBB3FF



E9AFD0



756A75



AC00B5



330036

Inverse Universe

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



E9AFB2



FFB3B6



AFE9C8



756A6A



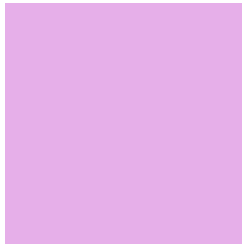
B50009



360003

Previews

White Background



This preview shows how the Hex color E6AFE9 looks on a white background.

Color Contrast Check

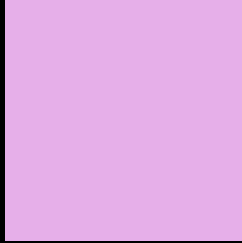
Large Text (above 18pt) WCAG AA × Fail

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 E6AFE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

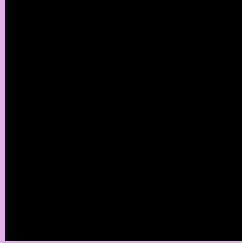
Any Text WCAG AA ✓ Pass

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 E6AFE9 Background



This preview shows how black text looks on a background with the Hex color E6AFE9.

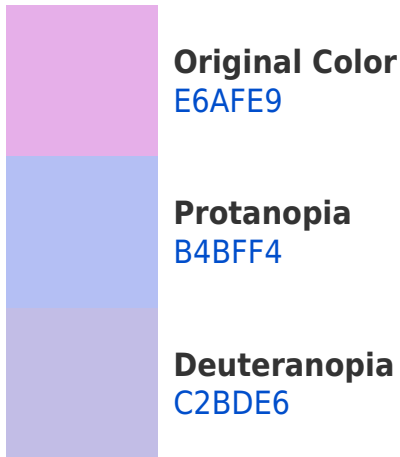


This preview shows how white text looks on a background with the Hex color E6AFE9.

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
E1B6C4

Trichromacy



Original Color
E6AFE9



Protanomaly
C6B9F0



Deuteranomaly
CFB8E7



Tritanomaly
E3B3D1

Monochromacy



Original Color
E6AFE9



Achromatopsia
C6C6C6



Achromatomaly
D2BED3

CSS Examples

Text

The CSS property to change the color of the text to Hex E6AFE9 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 #E6AFE9 looks like.

```
.text, #text, p{  
    color:#E6AFE9  
}
```

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 #E6AFE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6AFE9
}
```

Border

The CSS property to change the border of an element to Hex E6AFE9 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
#E6AFE9 }
```

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

```
.border{ border-color:#E6AFE9 }
```

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

Here you see how a box with a 4 pixel #E6AFE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6AFE9; -webkit-box-shadow:4px 4px  
4px 4px #E6AFE9; box-shadow:4px 4px 4px  
4px #E6AFE9 }
```

Background

The CSS property to change the background color of an element to Hex E6AFE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6AFE9 }
```

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

```
.background{ background-color:#E6AFE9 }
```

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