

Converting Colors

Hex(E9CCFF)

Have a look what the booklet for
Hex(E9CCFF) contains.

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Color

Hex(E9CCFF)

Conversions

Conversions Part 1

Format	Color
Hex	E9CCFF
RGB	233, 204, 255
RGB Percent	91%, 80%, 100%
CMY	0.0863, 0.2000, 0.0000
CMYK	0.09, 0.20, 0.00, 0.00
HSL	274°, 100%, 90%
HSV	274°, 20%, 100%
XYZ	73.2471, 67.7294, 103.8203
YIQ	218.4850, 0.9130, 22.0090

Conversions

Conversions Part 2

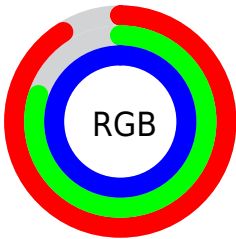
Format	Color
RYB	233, 204, 255
Decimal	15322367
CIELab	85.87, 19.31, -21.21
CIELCh	86, 28.685, 312.315
Yxy	67.7294, 0.2992, 0.2767
Android (android.graphics.Color)	4293512447 (0xFFE9CCFF)
YUV	218.4850, 18.0019, 12.7297
Hunter-Lab	82.2979, 14.8482, -17.1869

Details

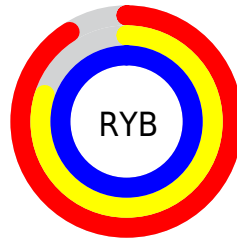
The Hex color **E9CCFF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **E2FFCC**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **B196C6** is the 20% darker color. If you saturate the color by 10%, you get **DEB3FF**, and if you desaturate by 10%, it is **F4E6FF**.

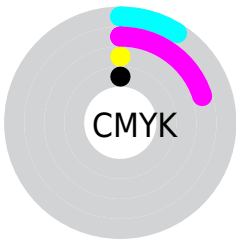
Distribution



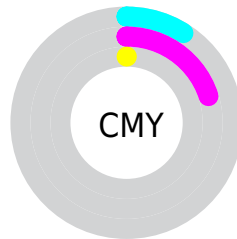
- Red (91%)
- Green (80%)
- Blue (100%)



- Red (91%)
- Yellow (80%)
- Blue (100%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E9CCFF 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 E9CCFF by changing the saturation by 10% instead.

 E9CCFF

FFFFFF

 E9CCFF

 CDB0E2

 B196C6

 967CAB

 7C6390

 634B76

 4A345E

 331E46

 1D082F

 00001A

 E9CCFF

 E9CCFF

 DEB3FF

 F4E6FF

 D399FF

FFFFFF

 C880FF

 BD66FF

 B24DFF

 A733FF

 9C19FF

 9100FF

Harmonies

Analogous

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



C5D5FF



E9CCFF



FFC5E8

Triad

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



E9CCFF



F9CFA4



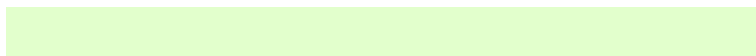
8CE6E1

Complementary

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



E9CCFF



E2FFCC

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.



A2E5C5



E9CCFF



DFD9A2

Square

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



E9CCFF



FFC7B3



C1E0AE



8AE4FA

Rectangle

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



E9CCFF



FFC3D6



C1E0AE



92E6D8

Sweetspot

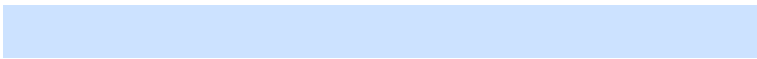
The Sweet Spot groups the original color and five complimentary colors.



E9CCFF



F8F0FF



CCE2FF



7C7780



000000



808080

Same Dimension

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



E9CCFF



E5C2FF



FFCCFC



7A7380



6D00BF



240040

Inverse Universe

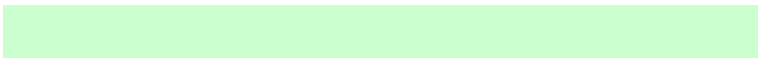
The Inverse Universe completely reimagines the original color for something new.



FFCCE2



FFC2DC



CCFFCF



807378



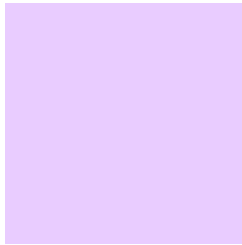
BF0053



40001C

Previews

White Background



This preview shows how the Hex color E9CCFF looks on a white background.

Color Contrast Check

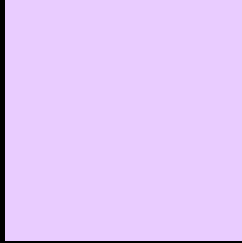
Large Text (above 18pt) WCAG AA × Fail

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 E9CCFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

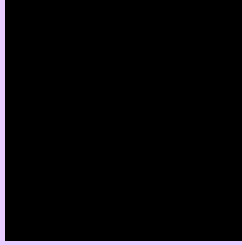
Any Text WCAG AA ✓ Pass

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 E9CCFF Background



This preview shows how black text looks on a background with the Hex color E9CCFF.

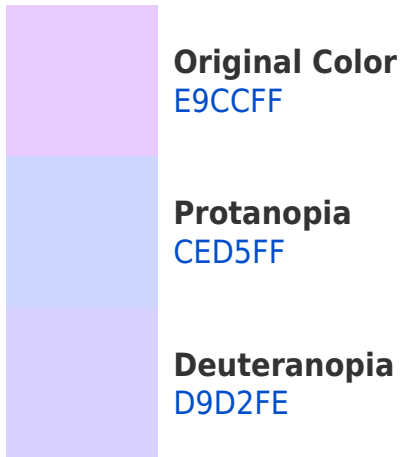


This preview shows how white text looks on a background with the Hex color E9CCFF.

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
E4D1E2

Trichromacy



Original Color
E9CCFF

Protanomaly
D8D2FF

Deuteranomaly
DFD0FE

Tritanomaly
E6CFED

Monochromacy



Original Color
E9CCFF

Achromatopsia
DADADA

Achromatomaly
DFD5E7

CSS Examples

Text

The CSS property to change the color of the text to Hex E9CCFF 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 #E9CCFF looks like.

```
.text, #text, p{  
    color:#E9CCFF  
}
```

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 #E9CCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9CCFF
}
```

Border

The CSS property to change the border of an element to Hex E9CCFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

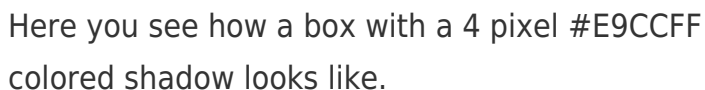
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E9CCFF }
```

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

```
.border{ border-color:#E9CCFF }
```

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



Here you see how a box with a 4 pixel #E9CCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9CCFF; -webkit-box-shadow:4px 4px  
4px 4px #E9CCFF; box-shadow:4px 4px 4px  
4px #E9CCFF }
```

Background

The CSS property to change the background color of an element to Hex E9CCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9CCFF }
```

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

```
.background{ background-color:#E9CCFF }
```

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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