

# Converting Colors

Hex(E9DFFF)

Have a look what the booklet for  
Hex(E9DFFF) contains.

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# **Color**

**Hex(E9DFFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9DFFF
RGB	233, 223, 255
RGB Percent	91%, 87%, 100%
CMY	0.0863, 0.1255, 0.0000
CMYK	0.09, 0.13, 0.00, 0.00
HSL	259°, 100%, 94%
HSV	259°, 13%, 100%
XYZ	78.0419, 77.3190, 105.4185
YIQ	229.6380, -4.3120, 12.0720

# Conversions

## Conversions Part 2

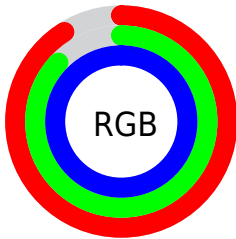
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 223, 255
Decimal	15327231
CIE <sub>Lab</sub>	90.47, 9.29, -14.29
CIE <sub>LCh</sub>	90, 17.043, 303.020
Yxy	77.3190, 0.2993, 0.2965
Android (android.graphics.Color)	4293517311 (0xFFE9DFFF)
YUV	229.6380, 12.5035, 2.9485
Hunter-Lab	87.9312, 4.5452, -9.5295

# Details

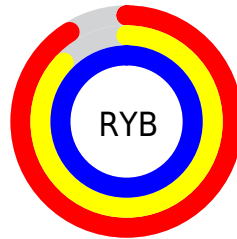
The Hex color **E9DFFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F5FFDF**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **B1A8C6** is the 20% darker color. If you saturate the color by 10%, you get **D7C6FF**, and if you desaturate by 10%, it is **FBF9FF**.

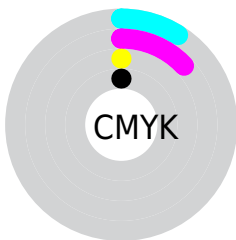
# Distribution



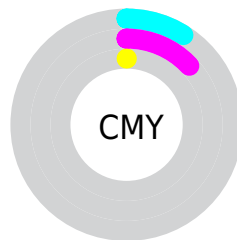
- Red (91%)
- Green (87%)
- Blue (100%)



- Red (91%)
- Yellow (87%)
- Blue (100%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9DFFF 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 E9DFFF by changing the saturation by 10% instead.



 E9DFFF

FFFFFF

 E9DFFF

 CDC3E2

 B1A8C6

 968DAB

 7C7490

 635B77

 4B445E

 342E46

 1F1930

 09001B

 E9DFFF

 E9DFFF

 D7C6FF


 FBF9FF

 C6ACFF

FFFFFF

 B493FF

 A379FF

 9160FF

 8046FF

 6E2DFF

 5D13FF

 5000FF

# Harmonies

## Analogous

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



D4E5FF



E9DFFF



FBDBF3

# Triad

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



E9DFFF



FEDEC7



BDEDE5

# Complementary

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



E9DFFF



F5FFDF

# Split Complementary

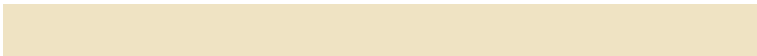
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CBECD4



E9DFFF



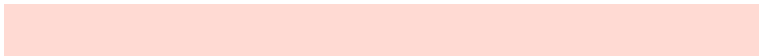
EFE3C3

# Square

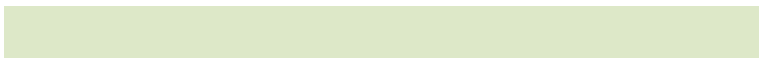
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E9DFFF



FFDAD3



DDE8C8



BAEDF5

# Rectangle

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



E9DFFF



FFD9E8



DDE8C8



C1EDDF



# Sweetspot

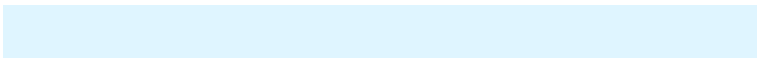
The Sweet Spot groups the original color and five complimentary colors.



E9DFFF



F8F5FF



DFF5FF



7B7980



000000



808080



# Same Dimension

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



E9DFFF



E5D9FF



F9DFFF



777380



3C00BF



140040



# Inverse Universe

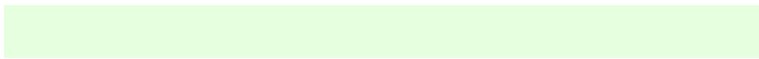
The Inverse Universe completely reimagines the original color for something new.



FFDFF5



FFD9F3



E5FFDF



80737C



BF0083



40002C



# Previews

## White Background



This preview shows how the Hex color E9DFFF looks on a white background.

## Color Contrast Check

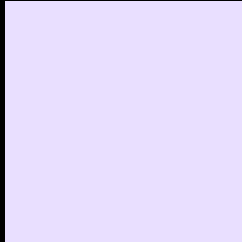
Large Text (above 18pt) WCAG AA × Fail

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 E9DFFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

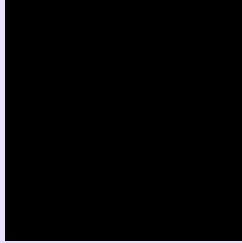
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E9DFFF Background



This preview shows how black text looks on a background with the Hex color E9DFFF.



This preview shows how white text looks on a background with the Hex color E9DFFF.

# 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](#).

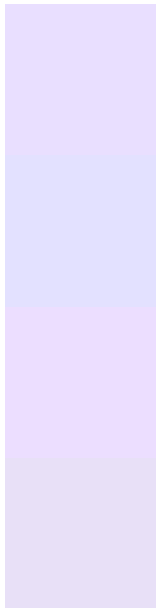
## Dichromacy





**Tritanopia**  
E7E1F3

# Trichromacy



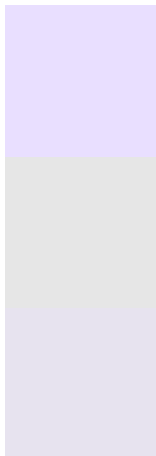
**Original Color**  
E9DFFF

**Protanomaly**  
E3E1FF

**Deuteranomaly**  
ECDEFF

**Tritanomaly**  
E8E0F7

# Monochromacy



**Original Color**  
E9DFFF

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E7E3EF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9DFFF 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 #E9DFFF looks like.

```
.text, #text, p{  
    color:#E9DFFF  
}
```

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 #E9DFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9DFFF }
}
```

## Border

The CSS property to change the border of an element to Hex E9DFFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

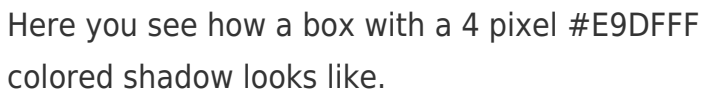
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E9DFFF }
}
```

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

```
.border{ border-color:#E9DFFF }
```

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



Here you see how a box with a 4 pixel `#E9DFFF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9DFFF; -webkit-box-shadow:4px 4px  
4px 4px #E9DFFF; box-shadow:4px 4px 4px  
4px #E9DFFF }
```

# Background

The CSS property to change the background color of an element to Hex E9DFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9DFFF }
```

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

```
.background{ background-color:#E9DFFF }
```

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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