

# Converting Colors

Hex(E9DAFF)

Have a look what the booklet for  
Hex(E9DAFF) contains.

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# **Color**

**Hex(E9DAFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9DAFF
RGB	233, 218, 255
RGB Percent	91%, 85%, 100%
CMY	0.0863, 0.1451, 0.0000
CMYK	0.09, 0.15, 0.00, 0.00
HSL	264°, 100%, 93%
HSV	264°, 15%, 100%
XYZ	76.7257, 74.6864, 104.9798
YIQ	226.7030, -2.9370, 14.6870

# Conversions

## Conversions Part 2

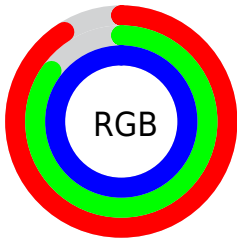
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 218, 255
Decimal	15325951
CIE Lab	89.25, 11.91, -16.12
CIE LCh	89, 20.044, 306.451
Yxy	74.6864, 0.2993, 0.2913
Android (android.graphics.Color)	4293516031 (0xFFE9DAFF)
YUV	226.7030, 13.9504, 5.5225
Hunter-Lab	86.4213, 7.2367, -11.5273

# Details

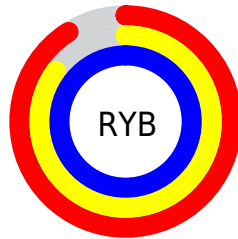
The Hex color **E9DAFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F0FFDA**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **B1A3C6** is the 20% darker color. If you saturate the color by 10%, you get **DAC1FF**, and if you desaturate by 10%, it is **F8F3FF**.

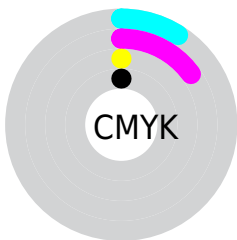
# Distribution



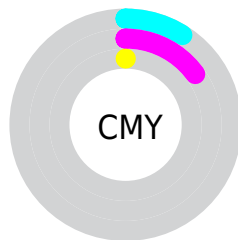
- Red (91%)
- Green (85%)
- Blue (100%)



- Red (91%)
- Yellow (85%)
- Blue (100%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9DAFF 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 E9DAFF by changing the saturation by 10% instead.



 E9DAFF

 E9DAFF

FFFFFF

 CDBEE2

 B1A3C6

 9689AB

 7C6F90

 635777

 4B405E

 342A46

 1E1530

 06001B

 E9DAFF

 E9DAFF

 DAC1FF

 F8F3FF

 CBA7FF

FFFFFF

 BC8EFF

 AC74FF

 9D5AFF

 8E41FF

 7F27FF

 700EFF

 6700FF

# Harmonies

## Analogous

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



D0E0FF



E9DAFF



FDD5F0

# Triad

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



E9DAFF



FDDABE



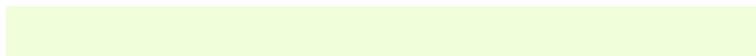
B1ECE4

# Complementary

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



E9DAFF



F0FFDA

# Split Complementary

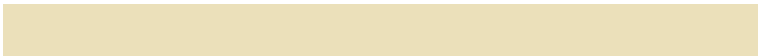
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C0EAD0



E9DAFF



EBE0BA

# Square

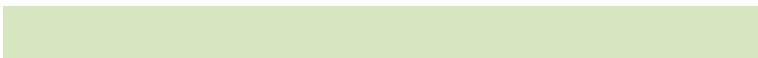
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E9DAFF



FFD5CA



D6E6C1



AEEAF6

# Rectangle

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



E9DAFF



FFD3E3



D6E6C1



B5EBDD



# Sweetspot

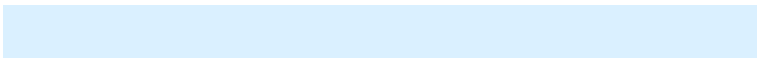
The Sweet Spot groups the original color and five complimentary colors.



E9DAFF



F9F5FF



DAF0FF



7C7980



000000



808080



# Same Dimension

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



E9DAFF



E5D4FF



FBD AFF



787380



4E00BF



1A0040



# Inverse Universe

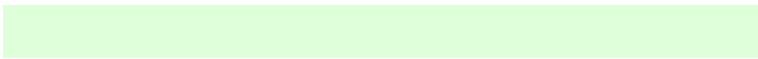
The Inverse Universe completely reimagines the original color for something new.



FFDAF0



FFD4ED



DEFFDA



80737A



BF0072

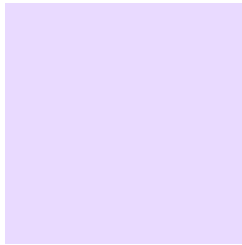


400026



# Previews

## White Background



This preview shows how the Hex color E9DAFF looks on a white background.

## Color Contrast Check

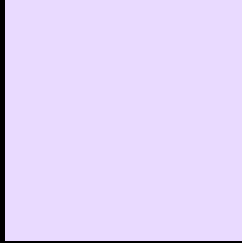
Large Text (above 18pt) WCAG AA × Fail

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 E9DAFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

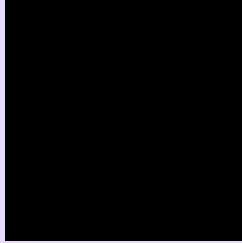
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E9DAFF Background



This preview shows how black text looks on a background with the Hex color E9DAFF.

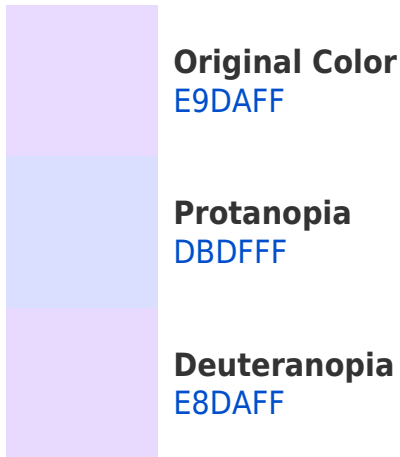


This preview shows how white text looks on a background with the Hex color E9DAFF.

# 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



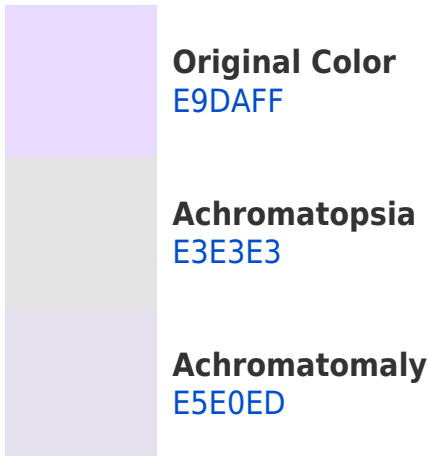


**Tritanopia**  
E6DDEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9DAFF 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 #E9DAFF looks like.

```
.text, #text, p{  
    color:#E9DAFF  
}
```

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 #E9DAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9DAFF
}
```

## Border

The CSS property to change the border of an element to Hex E9DAFF 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
#E9DAFF }
```

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

```
.border{ border-color:#E9DAFF }
```

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

Here you see how a box with a 4 pixel #E9DAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9DAFF; -webkit-box-shadow:4px 4px  
4px 4px #E9DAFF; box-shadow:4px 4px 4px  
4px #E9DAFF }
```

# Background

The CSS property to change the background color of an element to Hex E9DAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9DAFF }
```

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

```
.background{ background-color:#E9DAFF }
```

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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