

# Converting Colors

Hex(E9D8FF)

Have a look what the booklet for  
Hex(E9D8FF) contains.

<b>Hex(E9D8FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E9D8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9D8FF
RGB	233, 216, 255
RGB Percent	91%, 85%, 100%
CMY	0.0863, 0.1529, 0.0000
CMYK	0.09, 0.15, 0.00, 0.00
HSL	266°, 100%, 92%
HSV	266°, 15%, 100%
XYZ	76.2101, 73.6554, 104.8079
YIQ	225.5290, -2.3870, 15.7330

# Conversions

## Conversions Part 2

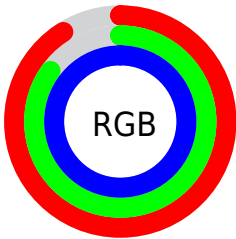
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">233, 216, 255</a>
Decimal	<a href="#">15325439</a>
CIELab	<a href="#">88.76, 12.96, -16.85</a>
CIELCh	<a href="#">89, 21.261, 307.561</a>
Yxy	<a href="#">73.6554, 0.2992, 0.2892</a>
Android (android.graphics.Color)	<a href="#">4293515519</a> ( <a href="#">0xFFE9D8FF</a> )
YUV	<a href="#">225.5290, 14.5292, 6.5521</a>
Hunter-Lab	<a href="#">85.8227, 8.3174, -12.3299</a>

# Details

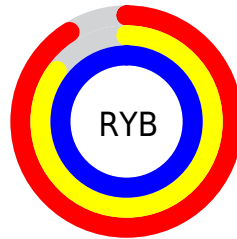
The Hex color **E9D8FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EEFFD8**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **B1A1C6** is the 20% darker color. If you saturate the color by 10%, you get **DBBFFF**, and if you desaturate by 10%, it is **F7F2FF**.

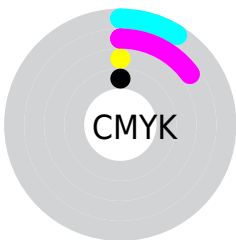
# Distribution



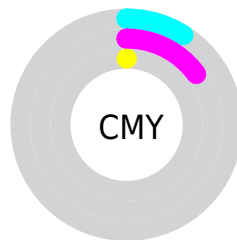
- Red (91%)
- Green (85%)
- Blue (100%)



- 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 E9D8FF 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 E9D8FF by changing the saturation by 10% instead.



 E9D8FF

FFFFFF

 E9D8FF

 CDBCE2

 B1A1C6

 9687AB

 7C6E90

 635577

 4B3E5E

 342846

 1E1430

 03001B

 E9D8FF

 E9D8FF

 DBBFFF

 F7F2FF

 CCA5FF

FFFFFFF

 BE8CFF

 AF72FF

 A159FF

 933FFF

 8425FF

 760CFF

 6F00FF

# Harmonies

## Analogous

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



CFDFFF



E9D8FF



FED3EF

# Triad

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



E9D8FF



FDD8BA



ACEBE3

# Complementary

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



E9D8FF



EEFFD8

# Split Complementary

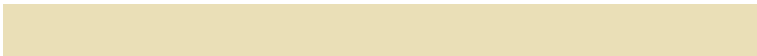
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BCE9CF



E9D8FF



EADFB7

# Square

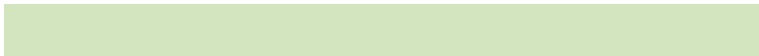
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E9D8FF



FFD3C7



D3E5BE



AAE9F7

# Rectangle

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



E9D8FF



FFD1E1



D3E5BE



B1EBDC



# Sweetspot

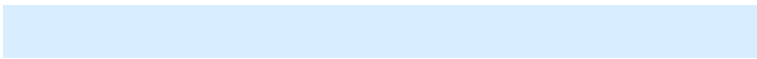
The Sweet Spot groups the original color and five complimentary colors.



E9D8FF



F8F2FF



D8EEFF



7B7880



000000



808080



# Same Dimension

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



E9D8FF



E5D1FF



FCD8FF



787380



5300BF



1C0040



# Inverse Universe

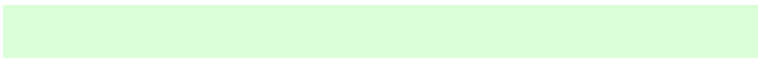
The Inverse Universe completely reimagines the original color for something new.



FFD8EE



FFD1EB



DBFFD8



80737A



BF006C

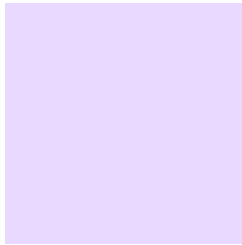


400024



# Previews

## White Background



This preview shows how the Hex color E9D8FF looks on a white background.

## Color Contrast Check

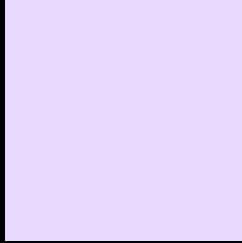
Large Text (above 18pt) WCAG AA × Fail

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 E9D8FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

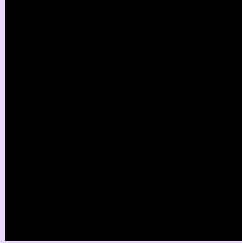
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E9D8FF Background



This preview shows how black text looks on a background with the Hex color E9D8FF.



This preview shows how white text looks on a background with the Hex color E9D8FF.

# 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



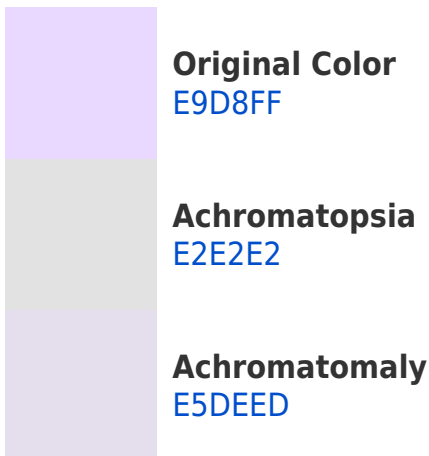


**Tritanopia**  
E6DBEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9D8FF 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 #E9D8FF looks like.

```
.text, #text, p{  
    color:#E9D8FF  
}
```

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 #E9D8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9D8FF  
}
```

## Border

The CSS property to change the border of an element to Hex E9D8FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

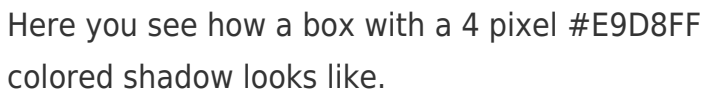
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#E9D8FF }
```

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

```
.border{ border-color:#E9D8FF }
```

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



Here you see how a box with a 4 pixel #E9D8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9D8FF; -webkit-box-shadow:4px 4px  
4px 4px #E9D8FF; box-shadow:4px 4px 4px  
4px #E9D8FF }
```

# Background

The CSS property to change the background color of an element to Hex E9D8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9D8FF }
```

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

```
.background{ background-color:#E9D8FF }
```

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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