

# Converting Colors

Hex(E8D8FF)

Have a look what the booklet for  
Hex(E8D8FF) contains.

<b>Hex(E8D8FF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E8D8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8D8FF
RGB	232, 216, 255
RGB Percent	91%, 85%, 100%
CMY	0.0902, 0.1529, 0.0000
CMYK	0.09, 0.15, 0.00, 0.00
HSL	265°, 100%, 92%
HSV	265°, 15%, 100%
XYZ	75.8846, 73.4875, 104.7927
YIQ	225.2300, -2.9830, 15.5210

# Conversions

## Conversions Part 2

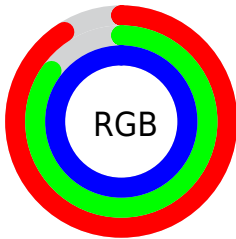
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 216, 255
Decimal	15259903
CIE <sub>Lab</sub>	88.68, 12.64, -16.98
CIE <sub>LCh</sub>	89, 21.170, 306.666
Yxy	73.4875, 0.2986, 0.2891
Android (android.graphics.Color)	4293449983 (0xFFE8D8FF)
YUV	225.2300, 14.6766, 5.9373
Hunter-Lab	85.7249, 7.9916, -12.4705

# Details

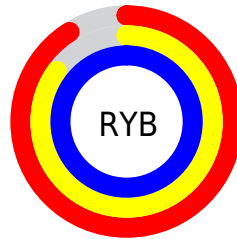
The Hex color **E8D8FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EFFFD8**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **B0A1C6** is the 20% darker color. If you saturate the color by 10%, you get **D9BFFF**, and if you desaturate by 10%, it is **F7F2FF**.

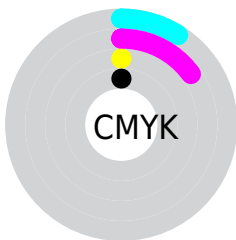
# Distribution



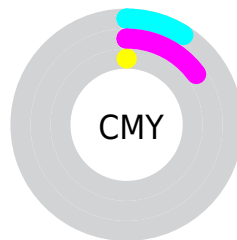
- Red (91%)
- Green (85%)
- Blue (100%)



- 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 E8D8FF 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 E8D8FF by changing the saturation by 10% instead.



 E8D8FF

FFFFFF

 E8D8FF

 CCBCE2

 B0A1C6

 9587AB

 7B6E90

 625577

 4A3E5E

 332846

 1D1430

 01001B

 E8D8FF

 E8D8FF

 D9BFFF

 F7F2FF

 CAA5FF

FFFFFF

 BB8CFF

 AC72FF

 9D59FF

 8E3FFF

 7F25FF

 700CFF

 6900FF

# Harmonies

## Analogous

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



CEDFFF



E8D8FF



FDD3EF

# Triad

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



E8D8FF



FDD8BA



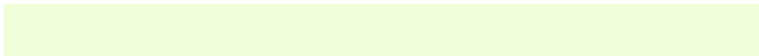
ADEAE3

# Complementary

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



E8D8FF



EFFFD8

# Split Complementary

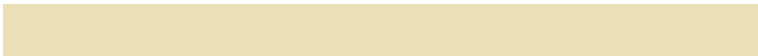
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BDE9CE



E8D8FF



EADFB7

# Square

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



E8D8FF



FFD3C7



D3E5BE



A9E9F6

# Rectangle

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



E8D8FF



FFD1E2



D3E5BE



B1EADC



# Sweetspot

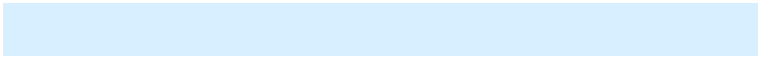
The Sweet Spot groups the original color and five complimentary colors.



E8D8FF



F7F2FF



D8EFFF



7B7880



000000



808080



# Same Dimension

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



E8D8FF



E4D1FF



FBD8FF



787380



4E00BF



1A0040



# Inverse Universe

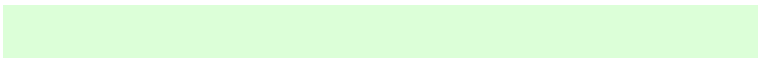
The Inverse Universe completely reimagines the original color for something new.



FFD8EF



FFD1EC



DCFFD8



80737A



BF0071



400026



# Previews

## White Background



This preview shows how the Hex color E8D8FF looks on a white background.

## Color Contrast Check

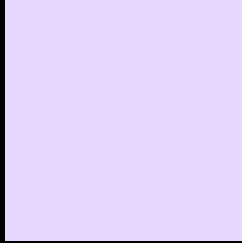
Large Text (above 18pt) WCAG AA × Fail

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 E8D8FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

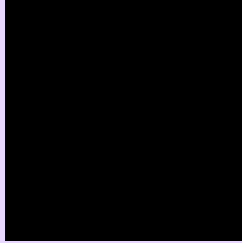
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

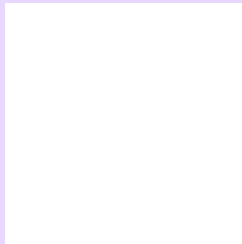
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E8D8FF Background



This preview shows how black text looks on a background with the Hex color E8D8FF.



This preview shows how white text looks on a background with the Hex color E8D8FF.

# 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](#).

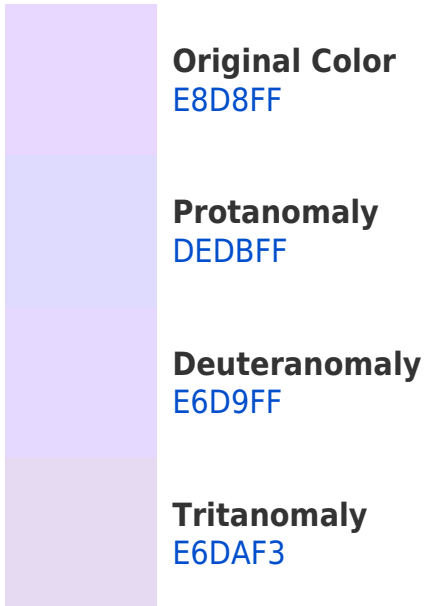
## Dichromacy



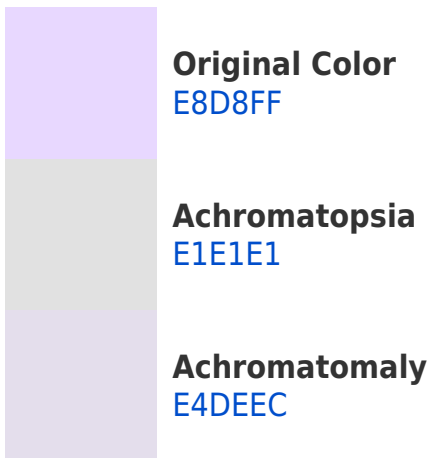


**Tritanopia**  
E5DBEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8D8FF 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 #E8D8FF looks like.

```
.text, #text, p{  
    color:#E8D8FF  
}
```

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 #E8D8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8D8FF
}
```

## Border

The CSS property to change the border of an element to Hex E8D8FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

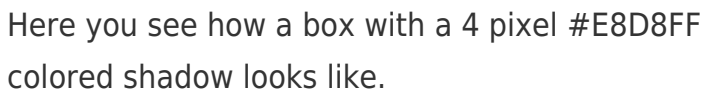
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8D8FF }
```

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

```
.border{ border-color:#E8D8FF }
```

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



Here you see how a box with a 4 pixel #E8D8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8D8FF; -webkit-box-shadow:4px 4px  
4px 4px #E8D8FF; box-shadow:4px 4px 4px  
4px #E8D8FF }
```

# Background

The CSS property to change the background color of an element to Hex E8D8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8D8FF }
```

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

```
.background{ background-color:#E8D8FF }
```

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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