

# Converting Colors

Hex(E8E0FF)

Have a look what the booklet for  
Hex(E8E0FF) contains.

<b>Hex(E8E0FF)</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(E8E0FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8E0FF
RGB	232, 224, 255
RGB Percent	91%, 88%, 100%
CMY	0.0902, 0.1216, 0.0000
CMYK	0.09, 0.12, 0.00, 0.00
HSL	255°, 100%, 94%
HSV	255°, 12%, 100%
XYZ	77.9844, 77.6871, 105.4926
YIQ	229.9260, -5.1830, 11.3370

# Conversions

## Conversions Part 2

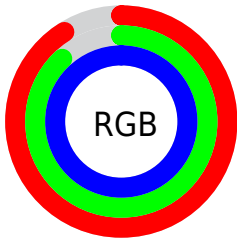
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 224, 255
Decimal	15261951
CIE <sub>Lab</sub>	90.64, 8.44, -14.05
CIE <sub>LCh</sub>	91, 16.389, 301.016
Yxy	77.6871, 0.2986, 0.2975
Android (android.graphics.Color)	4293452031 (0xFFE8E0FF)
YUV	229.9260, 12.3615, 1.8189
Hunter-Lab	88.1403, 3.6869, -9.2643

# Details

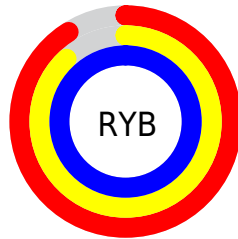
The Hex color **E8E0FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F7FFE0**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **B0A9C6** is the 20% darker color. If you saturate the color by 10%, you get **D5C7FF**, and if you desaturate by 10%, it is **FBFAFF**.

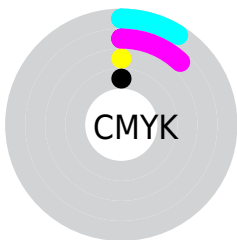
# Distribution



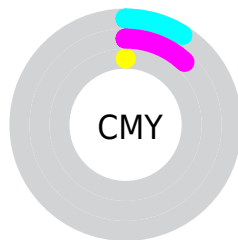
- Red (91%)
- Green (88%)
- Blue (100%)



- Red (91%)
- Yellow (88%)
- Blue (100%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8E0FF 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 E8E0FF by changing the saturation by 10% instead.



 E8E0FF

FFFFFF

 E8E0FF

 CCC4E2

 B0A9C6


 968EAB

 7C7590

 635C77

 4A455E

 342E46

 1E1A30

 08001B

 E8E0FF

 E8E0FF

 D5C7FF

 FBFAFF

 C2ADFF

FFFFFF


 AF93FF

 9C7AFF

 8961FF

 7647FF

 642EFF

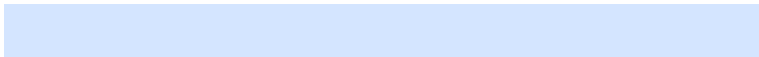
 5114FF

 4200FF

# Harmonies

## Analogous

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



D4E5FF



E8E0FF



F9DCF4

# Triad

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



E8E0FF



FEDEC9



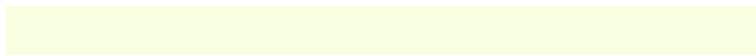
C0EDE4

# Complementary

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



E8E0FF



F7FFE0

# Split Complementary

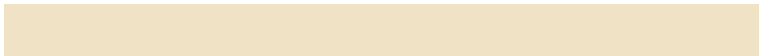
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CDECD5



E8E0FF



F0E3C5

# Square

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



E8E0FF



FFDAD5



DFE8C9



BCEDF4

# Rectangle

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



E8E0FF



FFDAEA



DFE8C9



C4EDDF



# Sweetspot

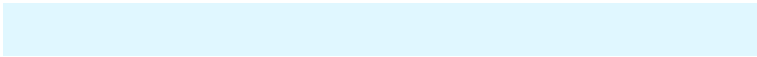
The Sweet Spot groups the original color and five complimentary colors.



E8E0FF



F7F5FF



E0F7FF



7B7980



000000



808080



# Same Dimension

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



E8E0FF



E3D9FF



F7E0FF



767380



3100BF



100040



# Inverse Universe

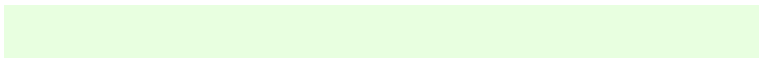
The Inverse Universe completely reimagines the original color for something new.



FFE0F7



FFD9F5



E8FFE0



80737C



BF008E

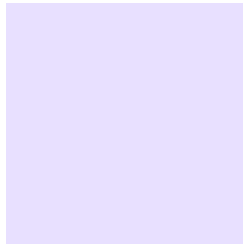


40002F



# Previews

## White Background



This preview shows how the Hex color E8E0FF looks on a white background.

## Color Contrast Check

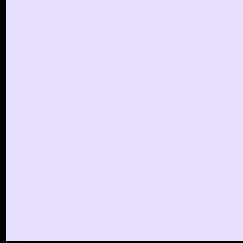
Large Text (above 18pt) WCAG AA × Fail

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 E8E0FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

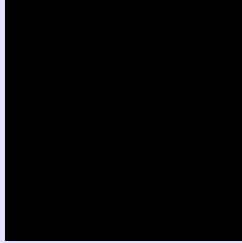
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E8E0FF Background



This preview shows how black text looks on a background with the Hex color E8E0FF.



This preview shows how white text looks on a background with the Hex color E8E0FF.

# 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](#).

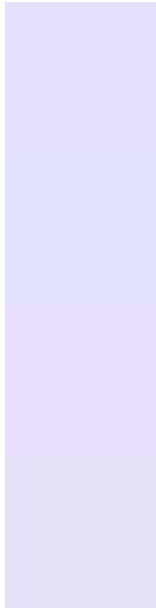
## Dichromacy





**Tritanopia**  
E6E2F4

# Trichromacy



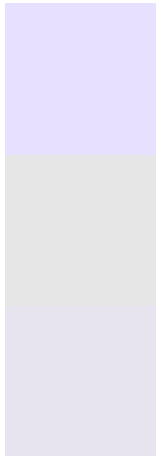
**Original Color**  
E8E0FF

**Protanomaly**  
E3E2FF

**Deuteranomaly**  
EBDFFF

**Tritanomaly**  
E7E1F8

# Monochromacy



**Original Color**  
E8E0FF

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E7E4EF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8E0FF 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 #E8E0FF looks like.

```
.text, #text, p{  
    color:#E8E0FF  
}
```

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 #E8E0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8E0FF
}
```

## Border

The CSS property to change the border of an element to Hex E8E0FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

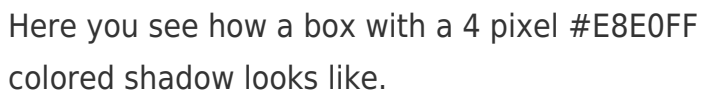
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8E0FF }
```

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

```
.border{ border-color:#E8E0FF }
```

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



Here you see how a box with a 4 pixel `#E8E0FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8E0FF; -webkit-box-shadow:4px 4px  
4px 4px #E8E0FF; box-shadow:4px 4px 4px  
4px #E8E0FF }
```

# Background

The CSS property to change the background color of an element to Hex E8E0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8E0FF }
```

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

```
.background{ background-color:#E8E0FF }
```

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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