

# Converting Colors

Hex(EBE8FF)

Have a look what the booklet for  
Hex(EBE8FF) contains.

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# **Color**

**Hex(EBE8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBE8FF
RGB	235, 232, 255
RGB Percent	92%, 91%, 100%
CMY	0.0784, 0.0902, 0.0000
CMYK	0.08, 0.09, 0.00, 0.00
HSL	248°, 100%, 95%
HSV	248°, 9%, 100%
XYZ	81.1676, 82.5954, 106.2723
YIQ	235.5190, -5.5950, 7.7890

# Conversions

## Conversions Part 2

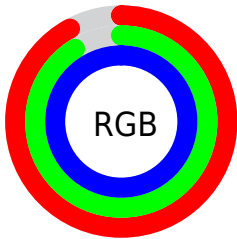
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 232, 255
Decimal	15460607
CIE Lab	92.84, 5.25, -10.74
CIE LCh	93, 11.951, 296.036
Yxy	82.5954, 0.3006, 0.3059
Android (android.graphics.Color)	4293650687 (0xFFE8E8FF)
YUV	235.5190, 9.6041, -0.4552
Hunter-Lab	90.8820, 0.3765, -5.7130

# Details

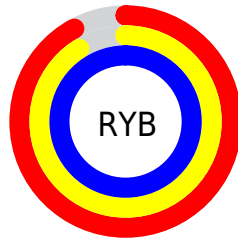
The Hex color `EBE8FF` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `FCFFE8`, and the grayscale version is `EBEBEB`.

A 20% lighter version of the original color is `FFFFFF`, and `B3B0C6` is the 20% darker color. If you saturate the color by 10%, you get `D5CFFF`, and if you desaturate by 10%, it is `FFFFFF`.

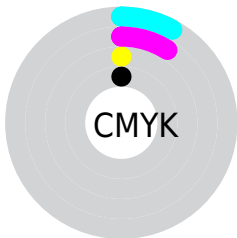
# Distribution



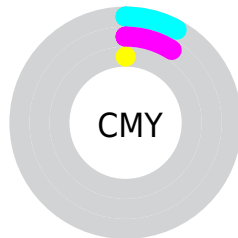
- Red (92%)
- Green (91%)
- Blue (100%)



- Red (92%)
- Yellow (91%)
- Blue (100%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBE8FF 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 EBE8FF by changing the saturation by 10% instead.



 EBE8FF

 EBE8FF

FFFFFF

 CFCCE2

 B3B0C6

 9896AB

 7E7C90

 656377

 4D4B5E

 363546

 211F30

 0C071B

 EBE8FF

 EBE8FF

 D5CFFF

FFFFFF

 BFB5FF

 A89BFF

 9282FF

 7C69FF

 664FFF

 5036FF

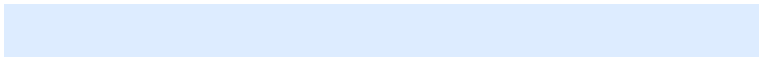
 3A1CFF

 2303FF

# Harmonies

## Analogous

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



DDECFF



EBE8FF



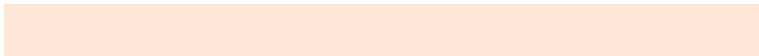
F8E5F7

# Triad

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



EBE8FF



FFE6D8



D2F1E8

# Complementary

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



EBE8FF



FCFFE8

# 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.



DCF0DD



EBE8FF



F6E9D4

# Square

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



EBE8FF



FFE3E1



E9EDD6



CEF1F4

# Rectangle

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



EBE8FF



FFE3F0



E9EDD6



D5F1E4



# Sweetspot

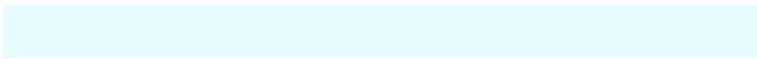
The Sweet Spot groups the original color and five complimentary colors.



EBE8FF



F8F7FF



E8FCFF



7B7A80



000000



808080



# Same Dimension

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



EBE8FF



E7E3FF



F6E8FF



747380



1900BF



080040



# Inverse Universe

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



FFE8FC



FFE3FB



F1FFE8



80737E



BF00A6



400037



# Previews

## White Background



This preview shows how the Hex color EBE8FF looks on a white background.

## Color Contrast Check

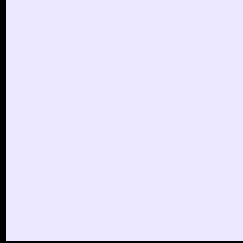
Large Text (above 18pt) WCAG AA × Fail

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 EBE8FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

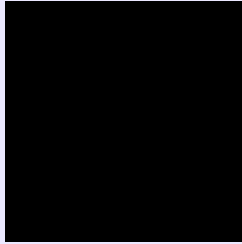
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EBE8FF Background



This preview shows how black text looks on a background with the Hex color EBE8FF.

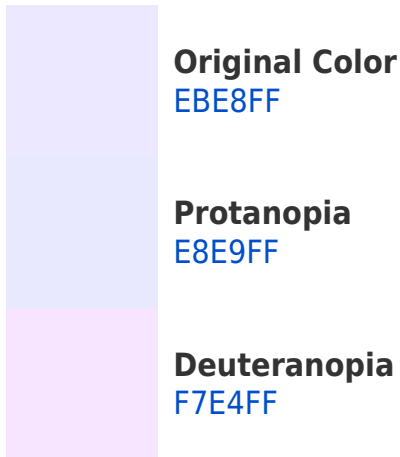


This preview shows how white text looks on a background with the Hex color EBE8FF.

# 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](#).

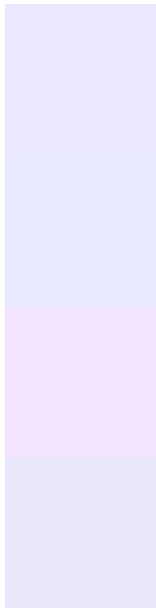
## Dichromacy





**Tritanopia**  
EAE9FB

# Trichromacy



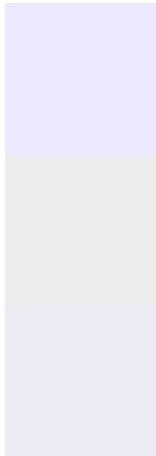
**Original Color**  
EBE8FF

**Protanomaly**  
E9E9FF

**Deuteranomaly**  
F3E5FF

**Tritanomaly**  
EAE9FC

# Monochromacy



**Original Color**  
EBE8FF

**Achromatopsia**  
ECECEC

**Achromatomaly**  
ECEBF3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBE8FF 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 #EBE8FF looks like.

```
.text, #text, p{  
    color:#EBE8FF  
}
```

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 #EBE8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBE8FF }
}
```

## Border

The CSS property to change the border of an element to Hex EBE8FF 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 #EBE8FF }
}
```

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

```
.border{ border-color:#EBE8FF }
```

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

Here you see how a box with a 4 pixel #EBE8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBE8FF; -webkit-box-shadow:4px 4px  
4px 4px #EBE8FF; box-shadow:4px 4px 4px  
4px #EBE8FF }
```

# Background

The CSS property to change the background color of an element to Hex EBE8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBE8FF }
```

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

```
.background{ background-color:#EBE8FF }
```

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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