

# Converting Colors

Hex(E8BEFF)

Have a look what the booklet for  
Hex(E8BEFF) contains.

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# **Color**

**Hex(E8BEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8BEFF
RGB	232, 190, 255
RGB Percent	91%, 75%, 100%
CMY	0.0902, 0.2549, 0.0000
CMYK	0.09, 0.25, 0.00, 0.00
HSL	279°, 100%, 87%
HSV	279°, 25%, 100%
XYZ	69.7422, 61.2027, 102.7452
YIQ	209.9680, 4.1670, 29.1190

# Conversions

## Conversions Part 2

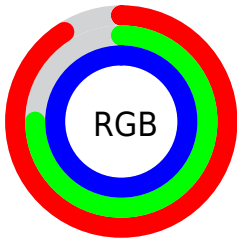
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 190, 255
Decimal	15253247
CIE <sub>Lab</sub>	82.49, 26.46, -26.36
CIE <sub>LCh</sub>	82, 37.353, 315.108
Yxy	61.2027, 0.2984, 0.2619
Android (android.graphics.Color)	4293443327 (0xFFE8BEFF)
YUV	209.9680, 22.2008, 19.3221
Hunter-Lab	78.2322, 22.2223, -23.1053

# Details

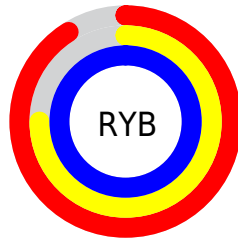
The Hex color **E8BEFF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D5FFBE**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFF7FF**, and **B088C6** is the 20% darker color. If you saturate the color by 10%, you get **DFA5FF**, and if you desaturate by 10%, it is **F1D8FF**.

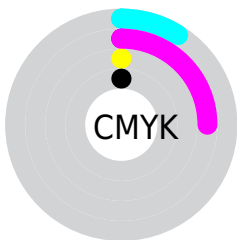
# Distribution



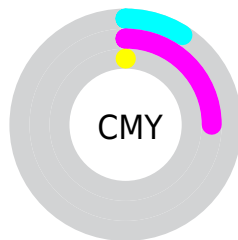
- Red (91%)
- Green (75%)
- Blue (100%)



- Red (91%)
- Yellow (75%)
- Blue (100%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8BEFF 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 E8BEFF by changing the saturation by 10% instead.



 E8BEFF

FFFFFF

 FFF7FF

 E8BEFF

 CCA3E2

 B088C6

 956FAB

 7A5690

 613E76

 48275D

 301145

 1C002F

 000119

 E8BEFF

 E8BEFF

 DFA5FF

 F1D8FF

 D68BFF

 FAF1FF

 CD72FF

FFFFFF

 C458FF

 BB3FFF

 B225FF

 A90CFF

 A500FF

# Harmonies

## Analogous

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



B9CBFF



E8BEFF



FFB5E0

# Triad

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



E8BEFF



F5C58A



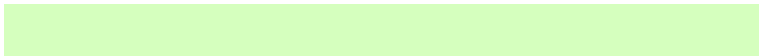
5EE0DE

# Complementary

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



E8BEFF



D5FFBE

# 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.



82DFBA



E8BEFF



D4D189

# Square

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



E8BEFF



FFBA9D



ACDA9B



5ADDFE

# Rectangle

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



E8BEFF



FFB3C8



ACDA9B



68E1D2



# Sweetspot

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



E8BEFF



F8EBFF



BED6FF



7B7380



000000



808080



# Same Dimension

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



E8BEFF



E3B0FF



FFBEF6



7B7380



7C00BF



290040



# Inverse Universe

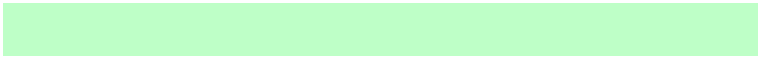
The Inverse Universe completely reimagines the original color for something new.



FFBED5



FFB0CC



BEFFC7



807377



BF0044

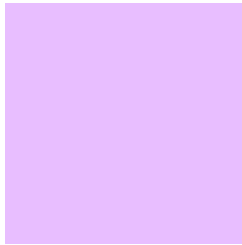


400017



# Previews

## White Background



This preview shows how the Hex color E8BEFF looks on a white background.

## Color Contrast Check

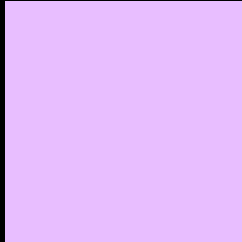
Large Text (above 18pt) WCAG AA × Fail

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 E8BEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

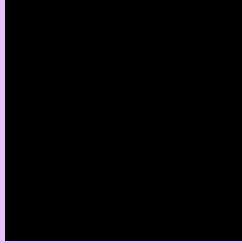
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E8BEFF Background



This preview shows how black text looks on a background with the Hex color E8BEFF.

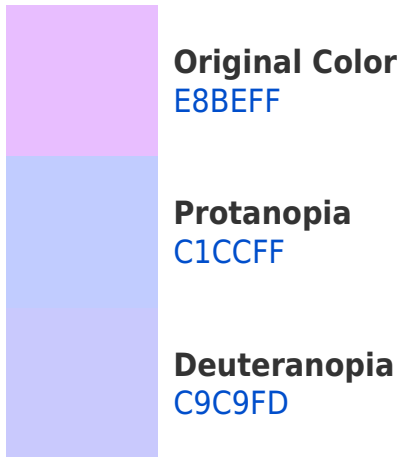


This preview shows how white text looks on a background with the Hex color E8BEFF.

# 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](#).

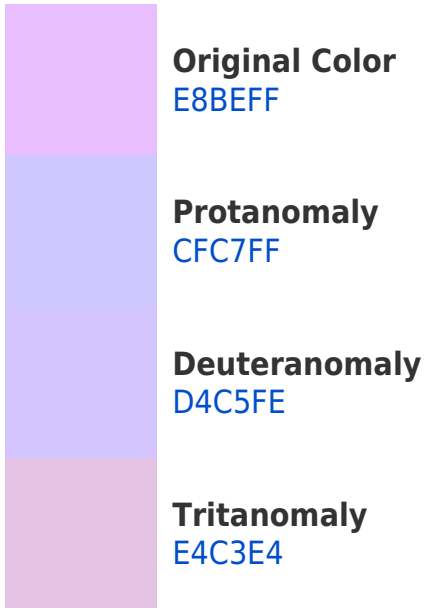
## Dichromacy



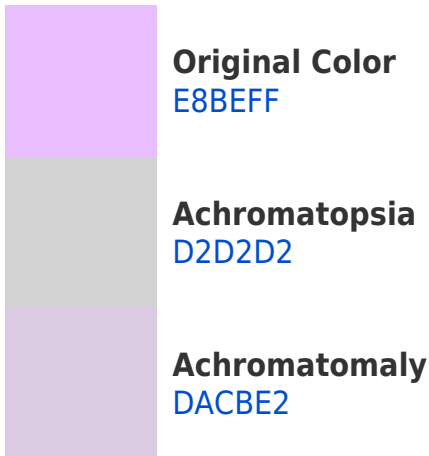


**Tritanopia**  
E2C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8BEFF 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 #E8BEFF looks like.

```
.text, #text, p{  
    color:#E8BEFF  
}
```

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 #E8BEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8BEFF
}
```

## Border

The CSS property to change the border of an element to Hex E8BEFF 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
#E8BEFF }
```

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

```
.border{ border-color:#E8BEFF }
```

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

Here you see how a box with a 4 pixel #E8BEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8BEFF; -webkit-box-shadow:4px 4px  
4px 4px #E8BEFF; box-shadow:4px 4px 4px  
4px #E8BEFF }
```

# Background

The CSS property to change the background color of an element to Hex E8BEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8BEFF }
```

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

```
.background{ background-color:#E8BEFF }
```

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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