

# Converting Colors

Hex(E8BFE7)

Have a look what the booklet for  
Hex(E8BFE7) contains.

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# **Color**

**Hex(E8BFE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8BFE7
RGB	232, 191, 231
RGB Percent	91%, 75%, 91%
CMY	0.0902, 0.2510, 0.0941
CMYK	0.00, 0.18, 0.00, 0.09
HSL	301°, 47%, 83%
HSV	301°, 18%, 91%
XYZ	66.3333, 60.1869, 83.7224
YIQ	207.8190, 11.5960, 21.1320

# Conversions

## Conversions Part 2

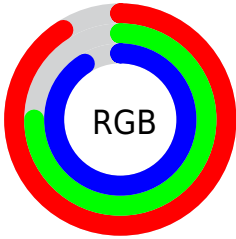
Format	Color
R <sub>Y</sub> B	232, 191, 231
Decimal	15253479
CIE Lab	81.94, 21.35, -14.37
CIE LCh	82, 25.736, 326.069
Yxy	60.1869, 0.3155, 0.2863
Android (android.graphics.Color)	4293443559 (0xFFE8BFE7)
YUV	207.8190, 11.4282, 21.2067
Hunter-Lab	77.5802, 16.8572, -9.6779

# Details

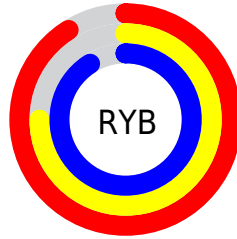
The Hex color **E8BFE7** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **BFE8C0**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFF8FF**, and **B089AF** is the 20% darker color. If you saturate the color by 10%, you get **E8A8E6**, and if you desaturate by 10%, it is **E8D6E8**.

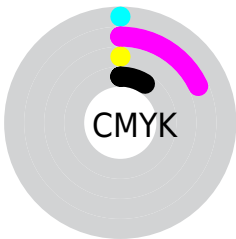
# Distribution



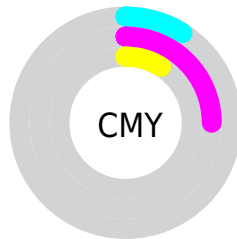
- Red (91%)
- Green (75%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color E8BFE7 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 E8BFE7 by changing the saturation by 10% instead.



 E8BFE7

FFFFFF

 FFF8FF

 E8BFE7

 CCA4CB

 B089AF

 957095

 7B577B

 623F62

 49294A

 321333

 1F001E

 000001

 E8BFE7

 E8BFE7

 E8A8E6

 E8D6E8

 E891E6

 E8EDE8

 E879E5

 E8FFE9

 E862E5

 E8FFEA

 E84BE4

 E8FFEB

 E834E4

 E8FFEC

 E81DE3

 E805E2

 E800E2

# Harmonies

## Analogous

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



CCC7F7



E8BFE7



F9BBD0

# Triad

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



E8BFE7



E1C99C



87D9E0

# Complementary

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



E8BFE7



BFE8C0

# 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.



93D9C8



E8BFE7



C7D1A0

# Square

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



E8BFE7



F4C1A5



ACD6B0



90D5F3

# Rectangle

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



E8BFE7



FEBBBF



ACD6B0



89D9D8



# Sweetspot

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



E8BFE7



FFF2FF



C0BFE8



80787F



000000



808080



# Same Dimension

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



E8BFE7



FFC9FE



E8BFD3



736772



B300AE



330032



# Inverse Universe

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



E8BFE7



FFC9FE



BFE8D4



736772



B300AE

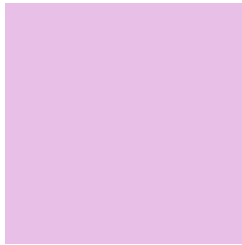


330032



# Previews

## White Background



This preview shows how the Hex color E8BFE7 looks on a white background.

## Color Contrast Check

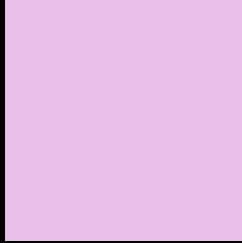
Large Text (above 18pt) WCAG AA × Fail

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 E8BFE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

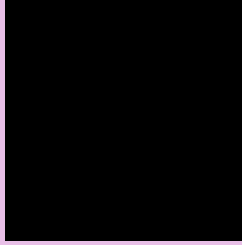
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E8BFE7 Background



This preview shows how black text looks on a background with the Hex color E8BFE7.

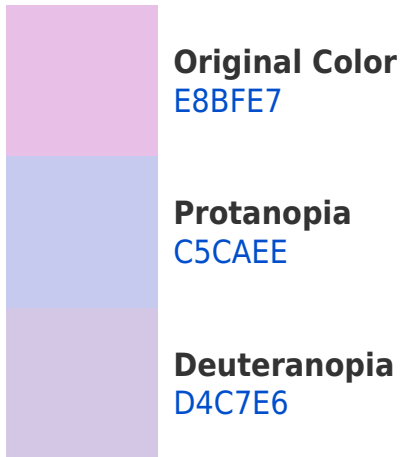


This preview shows how white text looks on a background with the Hex color E8BFE7.

# 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**  
E5C3D2

# Trichromacy



**Original Color**  
E8BFE7

**Protanomaly**  
D2C6EB

**Deuteranomaly**  
DBC4E6

**Tritanomaly**  
E6C2DA

# Monochromacy



**Original Color**  
E8BFE7

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
D9CAD8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8BFE7 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 #E8BFE7 looks like.

```
.text, #text, p{  
    color:#E8BFE7  
}
```

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 #E8BFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8BFE7
}
```

## Border

The CSS property to change the border of an element to Hex E8BFE7 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
#E8BFE7 }
```

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

```
.border{ border-color:#E8BFE7 }
```

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

Here you see how a box with a 4 pixel #E8BFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8BFE7; -webkit-box-shadow:4px 4px  
4px 4px #E8BFE7; box-shadow:4px 4px 4px  
4px #E8BFE7 }
```

# Background

The CSS property to change the background color of an element to Hex E8BFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8BFE7 }
```

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

```
.background{ background-color:#E8BFE7 }
```

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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