

# Converting Colors

Hex(EBB8FF)

Have a look what the booklet for  
Hex(EBB8FF) contains.

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# Color

Hex(**EBB8FF**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB8FF
RGB	235, 184, 255
RGB Percent	92%, 72%, 100%
CMY	0.0784, 0.2784, 0.0000
CMYK	0.08, 0.28, 0.00, 0.00
HSL	283°, 100%, 86%
HSV	283°, 28%, 100%
XYZ	69.4514, 59.1631, 102.3669
YIQ	207.3430, 7.6050, 32.8930

# Conversions

## Conversions Part 2

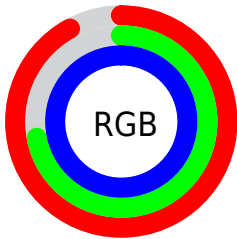
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 184, 255
Decimal	15448319
CIE Lab	81.38, 30.60, -28.03
CIE LCh	81, 41.500, 317.515
Yxy	59.1631, 0.3007, 0.2561
Android (android.graphics.Color)	4293638399 (0xFFE8B8FF)
YUV	207.3430, 23.4949, 24.2552
Hunter-Lab	76.9176, 26.5678, -25.0646

# Details

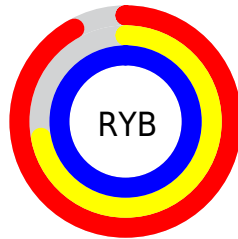
The Hex color **EBB8FF** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CCFFB8**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFF0FF**, and **B282C6** is the 20% darker color. If you saturate the color by 10%, you get **E49FFF**, and if you desaturate by 10%, it is **F2D2FF**.

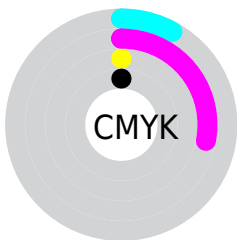
# Distribution



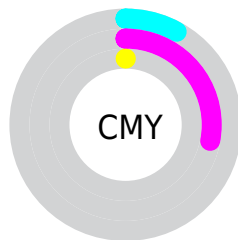
- Red (92%)
- Green (72%)
- Blue (100%)



- Red (92%)
- Yellow (72%)
- Blue (100%)



- Cyan (8%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (28%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBB8FF 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 EBB8FF by changing the saturation by 10% instead.



 EBB8FF

 EBB8FF

FFFFFF

 CE9DE2

 FFF0FF

 B282C6

 9769AB

 7D5090

 633876

 4A215D

 320A45

 1F002F

 000119

 EBB8FF

 EBB8FF

 E49FFF

 F2D2FF

 DD85FF

 F9EBFF

 D56BFF

 FFFFFFFF

 CE52FF

 C739FF

 C01FFF

 B906FF

 B700FF

# Harmonies

## Analogous

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



B7C6FF



EBB8FF



FFAEDC

# Triad

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



EBB8FF



F2C27E



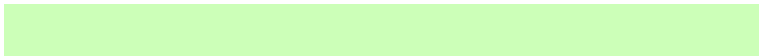
3DDFE0

# Complementary

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



EBB8FF



CCFFB8

# 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.



70DEB8



EBB8FF



CDCF7F

# Square

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



EBB8FF



FFB593



A1D994



39DBFF

# Rectangle

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



EBB8FF



FFACC2



A1D994



4DDFD3



# Sweetspot

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



EBB8FF



F9EBFF



B8CCFF



7C7380



000000



808080



# Same Dimension

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



EBB8FF



E7ABFF



FFB8F0



7C7380



8900BF



2E0040



# Inverse Universe

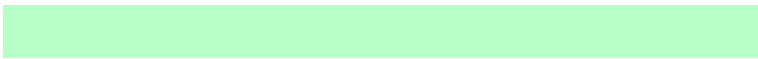
The Inverse Universe completely reimagines the original color for something new.



FFB8CC



FFABC3



B8FFC7



807376



BF0036

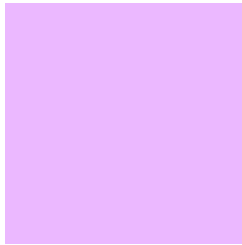


400012



# Previews

## White Background



This preview shows how the Hex color EBB8FF looks on a white background.

## Color Contrast Check

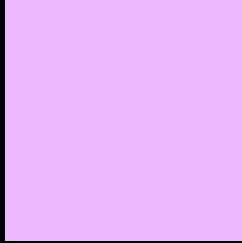
Large Text (above 18pt) WCAG AA × Fail

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 EBB8FF 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 EBB8FF Background



This preview shows how black text looks on a background with the Hex color EBB8FF.



This preview shows how white text looks on a background with the Hex color EBB8FF.

# 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**  
E4C1D0

# Trichromacy



**Original Color**  
EBB8FF



**Protanomaly**  
CDC3FF



**Deuteranomaly**  
D3C1FD

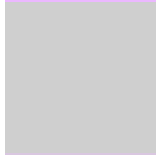


**Tritanomaly**  
E7BEE1

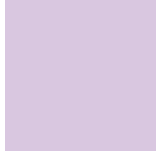
# Monochromacy



**Original Color**  
EBB8FF



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
D9C7E0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBB8FF 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 #EBB8FF looks like.

```
.text, #text, p{  
    color:#EBB8FF  
}
```

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 #EBB8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBB8FF
}
```

## Border

The CSS property to change the border of an element to Hex EBB8FF 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
#EBB8FF }
```

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

```
.border{ border-color:#EBB8FF }
```

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

Here you see how a box with a 4 pixel #EBB8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBB8FF; -webkit-box-shadow:4px 4px  
4px 4px #EBB8FF; box-shadow:4px 4px 4px  
4px #EBB8FF }
```

# Background

The CSS property to change the background color of an element to Hex EBB8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBB8FF }
```

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

```
.background{ background-color:#EBB8FF }
```

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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