

# Converting Colors

Hex(E1B8EB)

Have a look what the booklet for  
Hex(E1B8EB) contains.

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# **Color**

**Hex(E1B8EB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1B8EB
RGB	225, 184, 235
RGB Percent	88%, 72%, 92%
CMY	0.1176, 0.2784, 0.0784
CMYK	0.04, 0.22, 0.00, 0.08
HSL	288°, 56%, 82%
HSV	288°, 22%, 92%
XYZ	63.1872, 56.2867, 86.1314
YIQ	202.0730, 8.0650, 24.5530

# Conversions

## Conversions Part 2

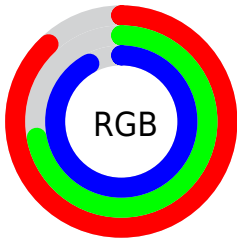
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 184, 235
Decimal	14792939
CIE Lab	79.78, 23.55, -19.84
CIE LCh	80, 30.792, 319.895
Yxy	56.2867, 0.3073, 0.2738
Android (android.graphics.Color)	4292983019 (0xFFE1B8EB)
YUV	202.0730, 16.2330, 20.1070
Hunter-Lab	75.0245, 19.0438, -15.5504

# Details

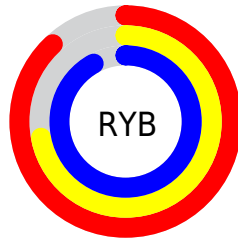
The Hex color **E1B8EB** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C2EBB8**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFF0FF**, and **A983B3** is the 20% darker color. If you saturate the color by 10%, you get **DCA1EB**, and if you desaturate by 10%, it is **E6D0EB**.

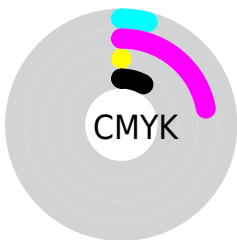
# Distribution



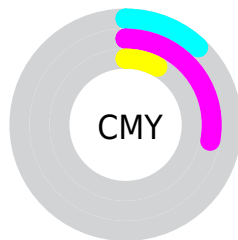
- Red (88%)
- Green (72%)
- Blue (92%)



- Red (88%)
- Yellow (72%)
- Blue (92%)



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (28%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1B8EB 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 E1B8EB by changing the saturation by 10% instead.



 E1B8EB

FFFFFF

 FFF0FF

 E1B8EB

 C59DCF

 A983B3

 8F6998

 75517E

 5B3965

 43234D

 2C0D36

 1B0021

 000005

 E1B8EB

 E1B8EB

 DCA1EB

 E6D0EB

 D889EB

 EAE7EB

 D372EB

 EFFFEB

 CF5AEB

 F3FFEB

 CA43EB

 F8FFEB

 C52BEB

 FDF FEB

 C114EB

 FFFFEB

 BD00EB

# Harmonies

## Analogous

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



BDC2FC



E1B8EB



F8B2D1

# Triad

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



E1B8EB



E3C18E



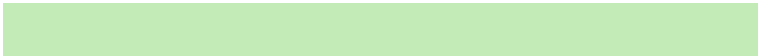
70D6D8

# Complementary

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



E1B8EB



C2EBB8

# 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.



86D5BB



E1B8EB



C7CA8F

# Square

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



E1B8EB



F8B79B



A6D1A0



74D2F1

# Rectangle

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



E1B8EB



FFB1BD



A6D1A0



75D6CF



# Sweetspot

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



E1B8EB



FCEDFF



B8C2EB



7E7580



000000



808080



# Same Dimension

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



E1B8EB



F2BDFE



EBB8DC



736A75



9200B5



2B0036



# Inverse Universe

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



EBB8C2



FFBDCA



B8EBC7



756A6C



B50023

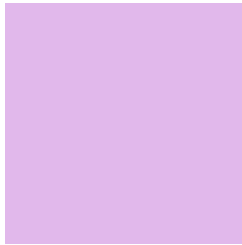


36000A



# Previews

## White Background



This preview shows how the Hex color E1B8EB looks on a white background.

## Color Contrast Check

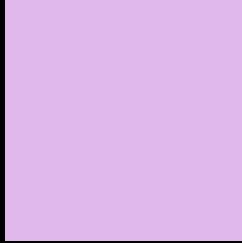
Large Text (above 18pt) WCAG AA × Fail

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 E1B8EB 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 E1B8EB Background



This preview shows how black text looks on a background with the Hex color E1B8EB.

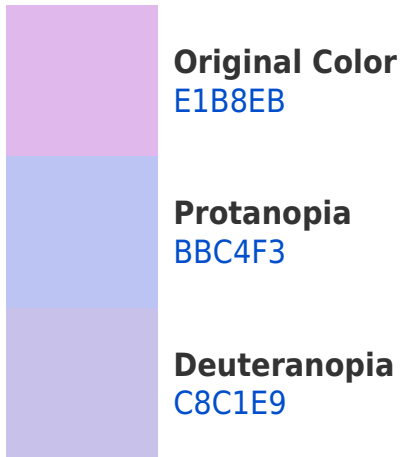


This preview shows how white text looks on a background with the Hex color E1B8EB.

# 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





# Trichromacy



**Original Color**  
E1B8EB



**Protanomaly**  
C9C0F0



**Deuteranomaly**  
D1BEEA

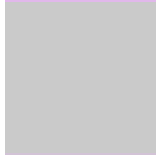


**Tritanomaly**  
DEBCD7

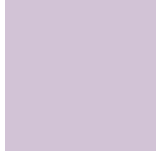
# Monochromacy



**Original Color**  
E1B8EB



**Achromatopsia**  
CACACA



**Achromatomaly**  
D2C3D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1B8EB 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 #E1B8EB looks like.

```
.text, #text, p{  
    color:#E1B8EB  
}
```

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 #E1B8EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B8EB
}
```

## Border

The CSS property to change the border of an element to Hex E1B8EB 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
#E1B8EB }
```

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

```
.border{ border-color:#E1B8EB }
```

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

Here you see how a box with a 4 pixel #E1B8EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B8EB; -webkit-box-shadow:4px 4px  
4px 4px #E1B8EB; box-shadow:4px 4px 4px  
4px #E1B8EB }
```

# Background

The CSS property to change the background color of an element to Hex E1B8EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B8EB }
```

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

```
.background{ background-color:#E1B8EB }
```

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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