

# Converting Colors

Hex(E0BBEE)

Have a look what the booklet for  
Hex(E0BBEE) contains.

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# Color

**Hex(E0BBEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0BBEE
RGB	224, 187, 238
RGB Percent	88%, 73%, 93%
CMY	0.1216, 0.2667, 0.0667
CMYK	0.06, 0.21, 0.00, 0.07
HSL	284°, 60%, 83%
HSV	284°, 21%, 93%
XYZ	63.9434, 57.5610, 88.6291
YIQ	203.8770, 5.6810, 23.7050

# Conversions

## Conversions Part 2

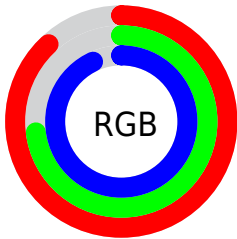
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 187, 238
Decimal	14728174
CIE <sub>Lab</sub>	80.49, 22.19, -20.37
CIE <sub>LCh</sub>	80, 30.124, 317.453
Yxy	57.5610, 0.3043, 0.2739
Android (android.graphics.Color)	4292918254 (0xFFE0BBEE)
YUV	203.8770, 16.8226, 17.6479
Hunter-Lab	75.8690, 17.6716, -16.1535

# Details

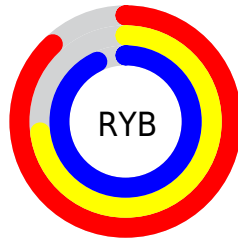
The Hex color **E0BBEE** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C9EEBB**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFF3FF**, and **A886B6** is the 20% darker color. If you saturate the color by 10%, you get **D9A3EE**, and if you desaturate by 10%, it is **E7D3EE**.

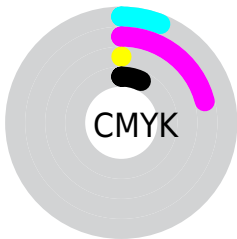
# Distribution



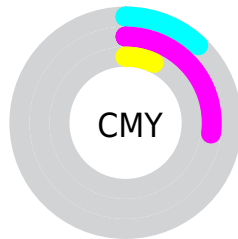
- Red (88%)
- Green (73%)
- Blue (93%)



- Red (88%)
- Yellow (73%)
- Blue (93%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (27%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0BBEE 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 E0BBEE by changing the saturation by 10% instead.



 E0BBEE

 E0BBEE

FFFFFF

 C4A0D2

 FFF3FF

 A886B6

 8E6C9B

 745481

 5B3C68

 432650

 2B1038

 1A0023

 00000A

 E0BBEE

 E0BBEE

 D9A3EE

 E7D3EE

 D38BEE

 EDEBEE

 CC74EE

 F4FFEE

 C65CEE

 FAFEE

 BF44EE

 FFFFEE

 B92CEE

 B214EE

 AD00EE

# Harmonies

## Analogous

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



BCC5FD



E0BBEE



F8B4D5

# Triad

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



E0BBEE



E7C291



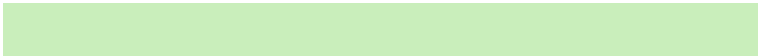
75D7D8

# Complementary

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



E0BBEE



C9EEBB

# 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.



8CD7BB



E0BBEE



CBCB92

# Square

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



E0BBEE



FAB99F



ABD2A1



77D4F0

# Rectangle

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



E0BBEE



FFB3C2



ABD2A1



7BD8CE



# Sweetspot

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



E0BBEE



FBF0FF



BBC9EE



7D7780



000000



808080



# Same Dimension

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



E0BBEE



EDBDFF



EEBBE3



756C78



8500B8



290038



# Inverse Universe

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



EEBBC9



FFBDCF



BBEEC6



786C6F



B80032



38000F



# Previews

## White Background



This preview shows how the Hex color E0BBEE looks on a white background.

## Color Contrast Check

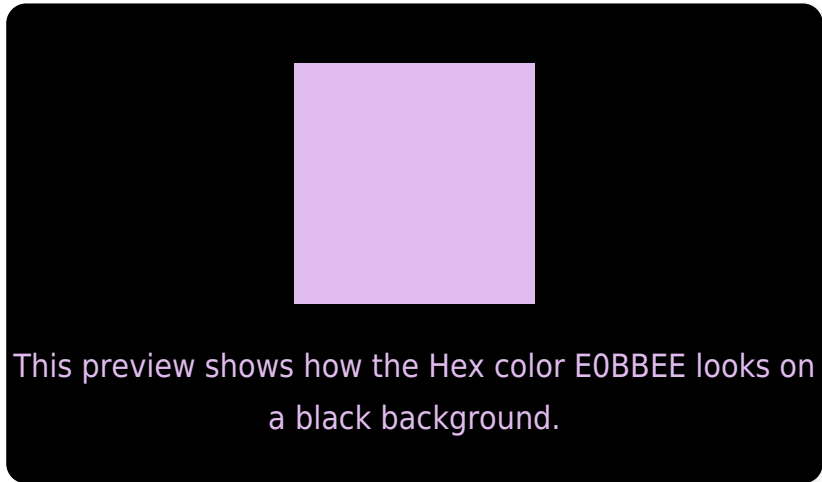
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 E0BBEE Background



This preview shows how black text looks on a background with the Hex color E0BBEE.

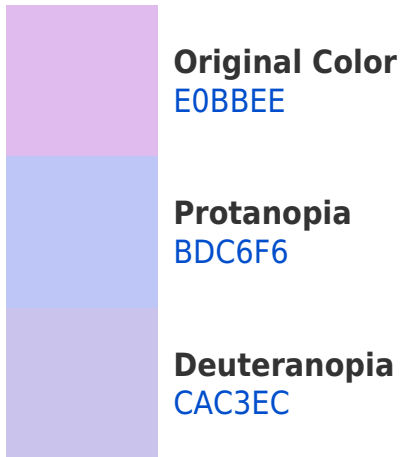


This preview shows how white text looks on a background with the Hex color E0BBEE.

# 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**  
DBC0D0

# Trichromacy



**Original Color**  
E0BBEE



**Protanomaly**  
CAC2F3



**Deuteranomaly**  
D2C0ED

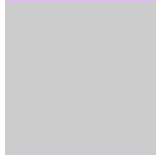


**Tritanomaly**  
DDBEDB

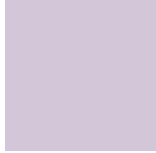
# Monochromacy



**Original Color**  
E0BBEE



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
D3C6D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0BBEE 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 #E0BBEE looks like.

```
.text, #text, p{  
    color:#E0BBEE  
}
```

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 #E0BBEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0BBEE
}
```

## Border

The CSS property to change the border of an element to Hex E0BBEE 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
#E0BBEE }
```

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

```
.border{ border-color:#E0BBEE }
```

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

Here you see how a box with a 4 pixel #E0BBEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0BBEE; -webkit-box-shadow:4px 4px  
4px 4px #E0BBEE; box-shadow:4px 4px 4px  
4px #E0BBEE }
```

# Background

The CSS property to change the background color of an element to Hex E0BBEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0BBEE }
```

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

```
.background{ background-color:#E0BBEE }
```

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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