

# Converting Colors

Hex(E0BBE7)

Have a look what the booklet for  
Hex(E0BBE7) contains.

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# **Color**

**Hex(E0BBE7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0BBE7
RGB	224, 187, 231
RGB Percent	88%, 73%, 91%
CMY	0.1216, 0.2667, 0.0941
CMYK	0.03, 0.19, 0.00, 0.09
HSL	290°, 48%, 82%
HSV	290°, 19%, 91%
XYZ	62.9346, 57.1575, 83.3168
YIQ	203.0790, 7.9280, 21.5280

# Conversions

## Conversions Part 2

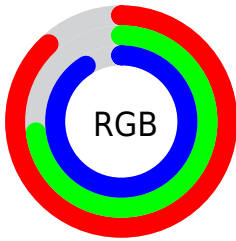
Format	Color
<a href="#">RYB</a>	<a href="#">224, 187, 231</a>
Decimal	<a href="#">14728167</a>
CIELab	<a href="#">80.27, 20.85, -16.95</a>
CIELCh	<a href="#">80, 26.872, 320.890</a>
Yxy	<a href="#">57.1575, 0.3094, 0.2810</a>
Android (android.graphics.Color)	<a href="#">4292918247 (0xFFE0BBE7)</a>
YUV	<a href="#">203.0790, 13.7651, 18.3477</a>
Hunter-Lab	<a href="#">75.6026, 16.2861, -12.4180</a>

# Details

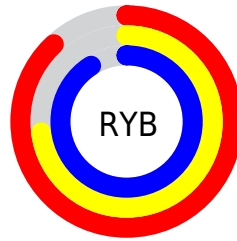
The Hex color **E0BBE7** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C2E7BB**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFF3FF**, and **A886AF** is the 20% darker color. If you saturate the color by 10%, you get **DCA4E7**, and if you desaturate by 10%, it is **E4D2E7**.

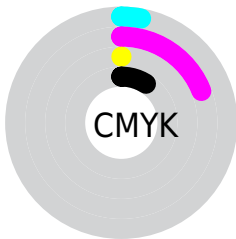
# Distribution



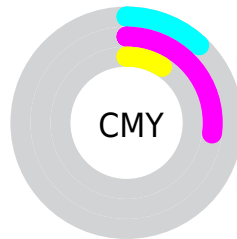
- Red (88%)
- Green (73%)
- Blue (91%)



- Red (88%)
- Yellow (73%)
- Blue (91%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (12%)
- Magenta (27%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0BBE7 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 E0BBE7 by changing the saturation by 10% instead.



 E0BBE7

 E0BBE7

FFFFFF

 C4A0CB

 FFF3FF

 A886AF

 8E6C95

 74547B

 5B3C62

 43264A

 2C1033

 1B001F

 000000

 E0BBE7

 E0BBE7

 DCA4E7

 E4D2E7

 D98DE7

 E7E9E7

 D576E7

 EBFFE7

 D15FE7

 EFFE7

 CE48E7

 F2FFE7

 CA30E7

 F6FFE7

 C619E7

 FAFFE7

 C302E7

 FDFFE7

 C200E7

 FFFE7

# Harmonies

## Analogous

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



C1C3F6



E0BBE7



F4B6D0

# Triad

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



E0BBE7



E1C396



80D5D8

# Complementary

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



E0BBE7



C2E7BB

# 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.



90D5BE



E0BBE7



C7CB98

# Square

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



E0BBE7



F3BBA1



ABD1A7



84D2ED

# Rectangle

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



E0BBE7



FAB5BF



ABD1A7



83D5D0



# Sweetspot

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



E0BBE7



FDF0FF



BBC2E7



7E7780



000000



808080



# Same Dimension

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



E0BBE7



F6C4FF



E7BBD8



716773



9600B3



2B0033



# Inverse Universe

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



E7BBC2



FFC4CE



BBE7CA



736769



B3001C

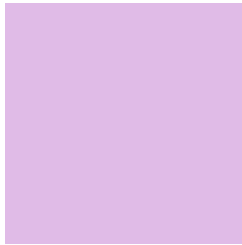


330008



# Previews

## White Background



This preview shows how the Hex color E0BBE7 looks on a white background.

## Color Contrast Check

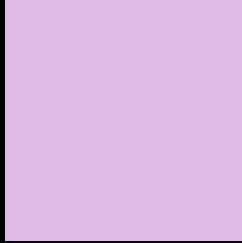
Large Text (above 18pt) WCAG AA × Fail

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 E0BBE7 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 E0BBE7 Background



This preview shows how black text looks on a background with the Hex color E0BBE7.

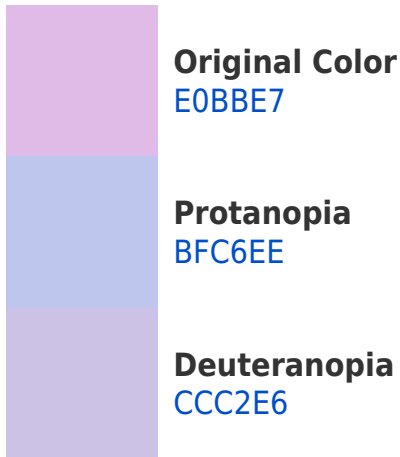


This preview shows how white text looks on a background with the Hex color E0BBE7.

# Color Blindness Simulation

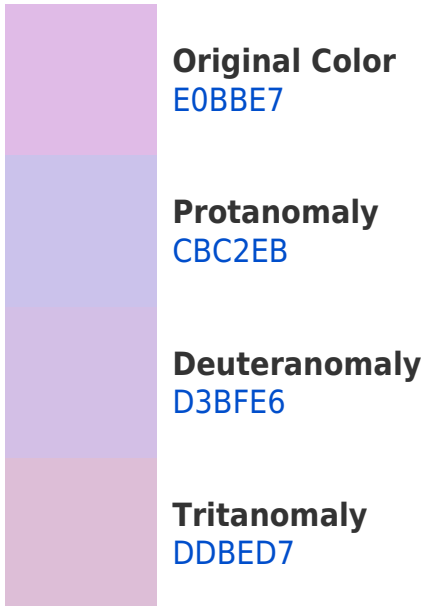
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

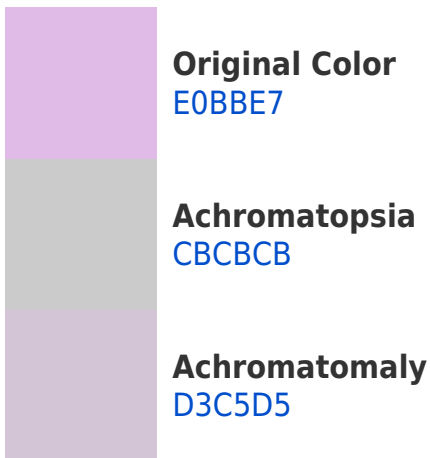




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0BBE7 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 #E0BBE7 looks like.

```
.text, #text, p{  
    color:#E0BBE7  
}
```

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 #E0BBE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0BBE7
}
```

## Border

The CSS property to change the border of an element to Hex E0BBE7 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
#E0BBE7 }
```

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

```
.border{ border-color:#E0BBE7 }
```

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

Here you see how a box with a 4 pixel #E0BBE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0BBE7; -webkit-box-shadow:4px 4px  
4px 4px #E0BBE7; box-shadow:4px 4px 4px  
4px #E0BBE7 }
```

# Background

The CSS property to change the background color of an element to Hex E0BBE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0BBE7 }
```

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

```
.background{ background-color:#E0BBE7 }
```

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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