

# Converting Colors

Hex(E0B8D5)

Have a look what the booklet for  
Hex(E0B8D5) contains.

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# **Color**

**Hex(E0B8D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0B8D5
RGB	224, 184, 213
RGB Percent	88%, 72%, 84%
CMY	0.1216, 0.2784, 0.1647
CMYK	0.00, 0.18, 0.05, 0.12
HSL	316°, 39%, 80%
HSV	316°, 18%, 88%
XYZ	59.8912, 54.9324, 70.3972
YIQ	199.2660, 14.5310, 17.4990

# Conversions

## Conversions Part 2

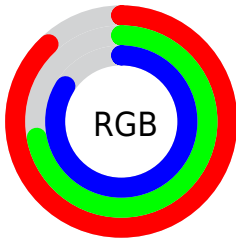
Format	Color
<a href="#">RYB</a>	<a href="#">224, 184, 213</a>
Decimal	<a href="#">14727381</a>
CIELab	<a href="#">79.00, 19.17, -9.14</a>
CIELCh	<a href="#">79, 21.235, 334.497</a>
Yxy	<a href="#">54.9324, 0.3234, 0.2966</a>
Android (android.graphics.Color)	<a href="#">4292917461 (0xFFE0B8D5)</a>
YUV	<a href="#">199.2660, 6.7709, 21.6917</a>
Hunter-Lab	<a href="#">74.1164, 14.5368, -4.4333</a>

# Details

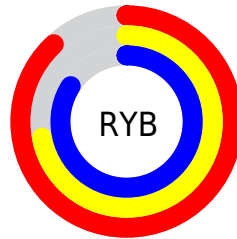
The Hex color **E0B8D5** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B8E0C3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFF0FF**, and **A8839E** is the 20% darker color. If you saturate the color by 10%, you get **E0A2CF**, and if you desaturate by 10%, it is **E0CEDB**.

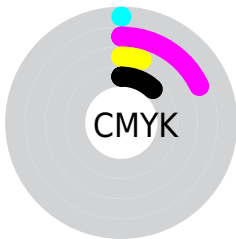
# Distribution



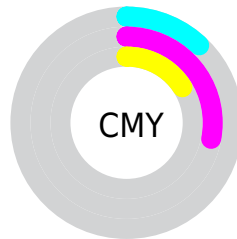
- Red (88%)
- Green (72%)
- Blue (84%)



- Red (88%)
- Yellow (72%)
- Blue (84%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0B8D5 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 E0B8D5 by changing the saturation by 10% instead.



 E0B8D5

 E0B8D5

FFFFFF

 C49DB9

 FFF0FF

 A8839E

 8E6984

 74516B

 5B3A53

 43233C

 2C0E26

 180011

 000000

 E0B8D5

 E0B8D5

 E0A2CF

 E0CEDB

 E08BC9

 E0E5E1

 E075C3

 E0FBE7

 E05EBC

 E0FFEE

 E048B6

 E0FFF4

 E032B0

 E0FFFA

 E01BAA

 E0FFFF

 E005A4

 E000A2

# Harmonies

## Analogous

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



CBBEE4



E0B8D5



EBB6C1

# Triad

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



E0B8D5



D0C39C



8ECED9

# Complementary

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



E0B8D5



B8E0C3

# 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.



93CFC6



E0B8D5



BAC9A3

# Square

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



E0B8D5



E2BDA1



A4CDB2



9ACAE7

# Rectangle

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



E0B8D5



EDB6B4



A4CDB2



8ECFD3



# Sweetspot

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



E0B8D5



FFF2FB



C3B8E0



80787D



000000



808080



# Same Dimension

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



E0B8D5



FFC9F0



E0B8C1



70656D



B00080



300023



# Inverse Universe

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



E0B8D5



FFC9F0



B8E0D7



70656D



B00080



300023



# Previews

## White Background



This preview shows how the Hex color E0B8D5 looks on a white background.

## Color Contrast Check

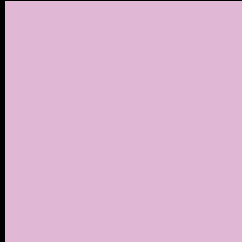
Large Text (above 18pt) WCAG AA × Fail

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 E0B8D5 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 E0B8D5 Background



This preview shows how black text looks on a background with the Hex color E0B8D5.

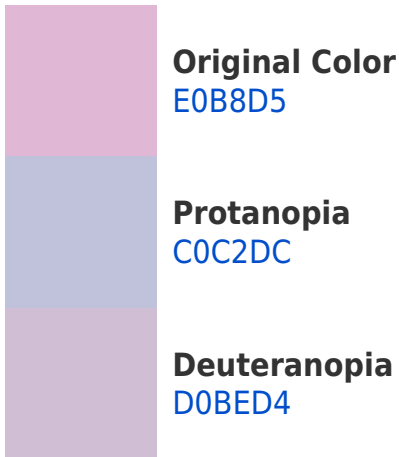


This preview shows how white text looks on a background with the Hex color E0B8D5.

# 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**  
E0B8D5

**Protanomaly**  
CCBED9

**Deuteranomaly**  
D6BCD4

**Tritanomaly**  
DFB9CD

# Monochromacy



**Original Color**  
E0B8D5

**Achromatopsia**  
C7C7C7

**Achromatomaly**  
D0C2CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0B8D5 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 #E0B8D5 looks like.

```
.text, #text, p{  
    color:#E0B8D5  
}
```

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 #E0B8D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0B8D5
}
```

## Border

The CSS property to change the border of an element to Hex E0B8D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

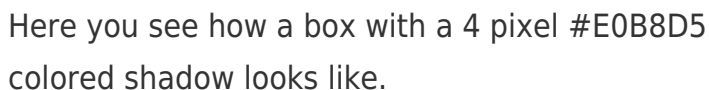
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E0B8D5 }
```

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

```
.border{ border-color:#E0B8D5 }
```

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



Here you see how a box with a 4 pixel `#E0B8D5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0B8D5; -webkit-box-shadow:4px 4px  
4px 4px #E0B8D5; box-shadow:4px 4px 4px  
4px #E0B8D5 }
```

# Background

The CSS property to change the background color of an element to Hex E0B8D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0B8D5 }
```

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

```
.background{ background-color:#E0B8D5 }
```

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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