

# Converting Colors

Hex(E0B5D2)

Have a look what the booklet for  
Hex(E0B5D2) contains.

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# **Color**

**Hex(E0B5D2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0B5D2
RGB	224, 181, 210
RGB Percent	88%, 71%, 82%
CMY	0.1216, 0.2902, 0.1765
CMYK	0.00, 0.19, 0.06, 0.12
HSL	320°, 41%, 79%
HSV	320°, 19%, 88%
XYZ	58.8972, 53.5482, 68.2044
YIQ	197.1630, 16.3190, 18.1350

# Conversions

## Conversions Part 2

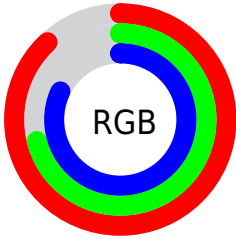
Format	Color
<a href="#">RYB</a>	<a href="#">224, 181, 210</a>
Decimal	<a href="#">14726610</a>
CIELab	<a href="#">78.20, 20.25, -8.72</a>
CIELCh	<a href="#">78, 22.046, 336.713</a>
Yxy	<a href="#">53.5482, 0.3260, 0.2964</a>
Android (android.graphics.Color)	<a href="#">4292916690 (0xFFE0B5D2)</a>
YUV	<a href="#">197.1630, 6.3286, 23.5360</a>
Hunter-Lab	<a href="#">73.1766, 15.6091, -4.0377</a>

# Details

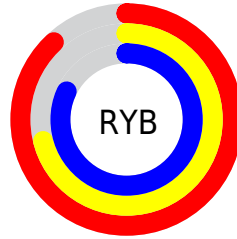
The Hex color **E0B5D2** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B5E0C3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFEDFF**, and **A8809C** is the 20% darker color. If you saturate the color by 10%, you get **E09FCB**, and if you desaturate by 10%, it is **E0CBD9**.

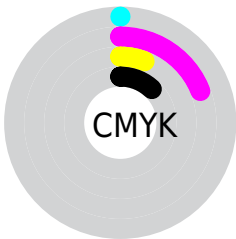
# Distribution



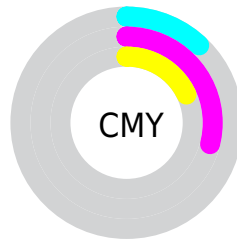
- Red (88%)
- Green (71%)
- Blue (82%)



- Red (88%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (29%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0B5D2 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 E0B5D2 by changing the saturation by 10% instead.



 E0B5D2

FFFFFF

 FFEDFF

 E0B5D2

 C49AB6

 A8809C

 8E6782

 744E68

 5B3750

 432139

 2C0C24

 16000E

 000000

 E0B5D2

 E0B5D2

 E09FCB

 E0CBD9

 E088C3

 E0E2E1

 E072BC

 E0F8E8

 E05BB5

 E0FFEF

 E045AE

 E0FFF6

 E02FA6

 E0FFFE

 E0189F

 E0FFFF

 E00298

 E00097

# Harmonies

## Analogous

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



CBBBE2



E0B5D2



EBB3BD

# Triad

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



E0B5D2



CCC199



8ACCD9

# Complementary

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



E0B5D2



B5E0C3

# 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.



8ECDC5



E0B5D2



B6C8A0

# Square

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



E0B5D2



DFBB9C



9FCCB1



97C8E6

# Rectangle

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



E0B5D2



ECB4B0



9FCCB1



89CDD3



# Sweetspot

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



E0B5D2



FFF0FA



C3B5E0



80777D



000000



808080



# Same Dimension

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



E0B5D2



FFC4EC



E0B5BD



70656D



B00077



300021



# Inverse Universe

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



E0B5D2



FFC4EC



B5E0D8



70656D



B00077

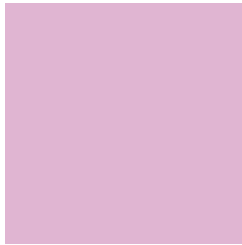


300021



# Previews

## White Background



This preview shows how the Hex color E0B5D2 looks on a white background.

## Color Contrast Check

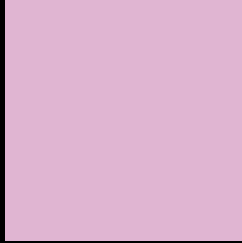
Large Text (above 18pt) WCAG AA × Fail

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 E0B5D2 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 E0B5D2 Background



This preview shows how black text looks on a background with the Hex color E0B5D2.

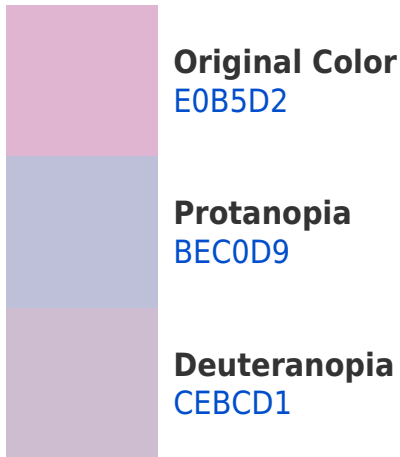


This preview shows how white text looks on a background with the Hex color E0B5D2.

# 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**  
DEB7C5

# Trichromacy



**Original Color**  
E0B5D2

**Protanomaly**  
CABCD6

**Deuteranomaly**  
D5B9D1

**Tritanomaly**  
DFB6CA

# Monochromacy



**Original Color**  
E0B5D2

**Achromatopsia**  
C5C5C5

**Achromatomaly**  
CFBFCA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0B5D2 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 #E0B5D2 looks like.

```
.text, #text, p{  
    color:#E0B5D2  
}
```

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 #E0B5D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0B5D2
}
```

## Border

The CSS property to change the border of an element to Hex E0B5D2 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
#E0B5D2 }
```

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

```
.border{ border-color:#E0B5D2 }
```

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

Here you see how a box with a 4 pixel #E0B5D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0B5D2; -webkit-box-shadow:4px 4px  
4px 4px #E0B5D2; box-shadow:4px 4px 4px  
4px #E0B5D2 }
```

# Background

The CSS property to change the background color of an element to Hex E0B5D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0B5D2 }
```

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

```
.background{ background-color:#E0B5D2 }
```

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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