

# Converting Colors

Hex(E8B0D9)

Have a look what the booklet for  
Hex(E8B0D9) contains.

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# **Color**

**Hex(E8B0D9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E8B0D9
RGB	232, 176, 217
RGB Percent	91%, 69%, 85%
CMY	0.0902, 0.3098, 0.1490
CMYK	0.00, 0.24, 0.06, 0.09
HSL	316°, 55%, 80%
HSV	316°, 24%, 91%
XYZ	61.3284, 53.2162, 72.6850
YIQ	197.4180, 20.2150, 24.6230

# Conversions

## Conversions Part 2

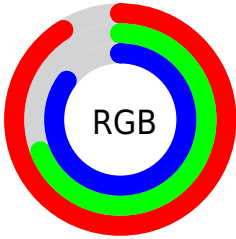
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 176, 217
Decimal	15249625
CIE <sub>Lab</sub>	78.00, 26.88, -12.72
CIE <sub>LCh</sub>	78, 29.735, 334.673
Yxy	53.2162, 0.3276, 0.2842
Android (android.graphics.Color)	4293439705 (0xFFE8B0D9)
YUV	197.4180, 9.6539, 30.3284
Hunter-Lab	72.9495, 22.4030, -8.0105

# Details

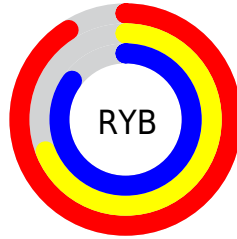
The Hex color **E8B0D9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B0E8BF**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFE8FF**, and **B07BA2** is the 20% darker color. If you saturate the color by 10%, you get **E899D3**, and if you desaturate by 10%, it is **E8C7DF**.

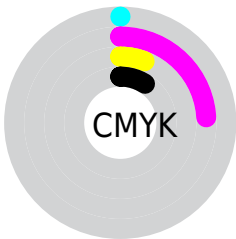
# Distribution



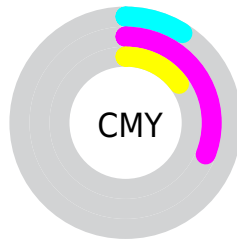
- Red (91%)
- Green (69%)
- Blue (85%)



- Red (91%)
- Yellow (69%)
- Blue (85%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8B0D9 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 E8B0D9 by changing the saturation by 10% instead.



 E8B0D9

 E8B0D9

FFFFFF

 CC95BD

 FFE8FF

 B07BA2

 956288

 7A496E

 613256

 481B3F

 310429

 1B0014

 000000

 E8B0D9

 E8B0D9

 E899D3

 E8C7DF

 E882CD

 E8DEE5

 E86AC6

 E8F6EC

 E853C0

 E8FFF2

 E83CBA

 E8FFF8

 E825B4

 E8FFFE

 E80EAE

 E8FFFF

 E800AA

# Harmonies

## Analogous

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



CBB8EE



E8B0D9



F7ADBD

# Triad

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



E8B0D9



D1C08A



6DCDFD

# Complementary

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



E8B0D9



B0E8BF

# 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.



77D0C4



E8B0D9



B2C993

# Square

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



E8B0D9



E9B790



93CEA8



7FCAF2

# Rectangle

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



E8B0D9



F9AEAB



93CEA8



6DD0D7



# Sweetspot

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



E8B0D9



FFEDFA



BFB0E8



80757D



000000



808080



# Same Dimension

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



E8B0D9



FFB5EB



E8B0BD



736770



B30083



330025



# Inverse Universe

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



E8B0D9



FFB5EB



B0E8DB



736770



B30083

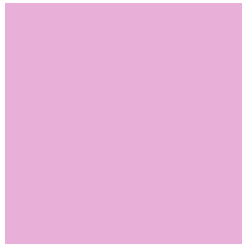


330025



# Previews

## White Background



This preview shows how the Hex color E8B0D9 looks on a white background.

## Color Contrast Check

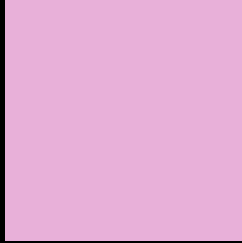
Large Text (above 18pt) WCAG AA × Fail

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 E8B0D9 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 E8B0D9 Background



This preview shows how black text looks on a background with the Hex color E8B0D9.

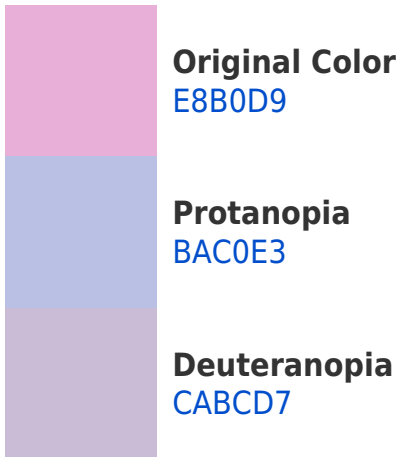


This preview shows how white text looks on a background with the Hex color E8B0D9.

# 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**  
E5B4C2

# Trichromacy



**Original Color**  
E8B0D9



**Protanomaly**  
CBBADF



**Deuteranomaly**  
D5B8D8

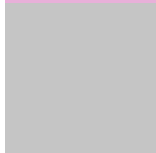


**Tritanomaly**  
E6B3CA

# Monochromacy



**Original Color**  
E8B0D9



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
D2BDCC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8B0D9 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 #E8B0D9 looks like.

```
.text, #text, p{  
    color:#E8B0D9  
}
```

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 #E8B0D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8B0D9
}
```

## Border

The CSS property to change the border of an element to Hex E8B0D9 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
#E8B0D9 }
```

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

```
.border{ border-color:#E8B0D9 }
```

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

Here you see how a box with a 4 pixel #E8B0D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8B0D9; -webkit-box-shadow:4px 4px  
4px 4px #E8B0D9; box-shadow:4px 4px 4px  
4px #E8B0D9 }
```

# Background

The CSS property to change the background color of an element to Hex E8B0D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8B0D9 }
```

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

```
.background{ background-color:#E8B0D9 }
```

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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