

# Converting Colors

Hex(E7B6D7)

Have a look what the booklet for  
Hex(E7B6D7) contains.

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# **Color**

**Hex(E7B6D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7B6D7
RGB	231, 182, 215
RGB Percent	91%, 71%, 84%
CMY	0.0941, 0.2863, 0.1569
CMYK	0.00, 0.21, 0.07, 0.09
HSL	320°, 51%, 81%
HSV	320°, 21%, 91%
XYZ	61.9487, 55.3511, 71.7088
YIQ	200.4130, 18.6110, 20.6510

# Conversions

## Conversions Part 2

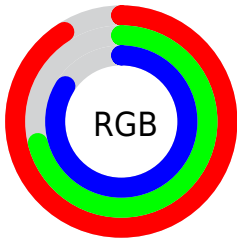
Format	Color
R <sub>Y</sub> B	231, 182, 215
Decimal	15185623
CIE Lab	79.24, 22.98, -9.80
CIE LCh	79, 24.982, 336.916
Yxy	55.3511, 0.3278, 0.2928
Android (android.graphics.Color)	4293375703 (0xFFE7B6D7)
YUV	200.4130, 7.1914, 26.8248
Hunter-Lab	74.3983, 18.4331, -5.0678

# Details

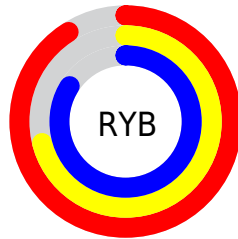
The Hex color **E7B6D7** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B6E7C6**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFEEFF**, and **AF81A0** is the 20% darker color. If you saturate the color by 10%, you get **E79FCF**, and if you desaturate by 10%, it is **E7CDDF**.

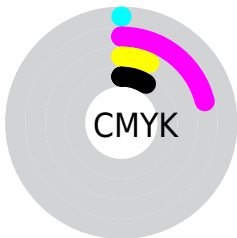
# Distribution



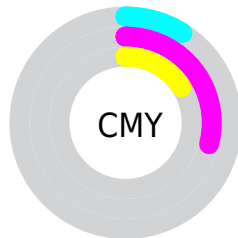
- Red (91%)
- Green (71%)
- Blue (84%)



- Red (91%)
- Yellow (71%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (29%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7B6D7 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 E7B6D7 by changing the saturation by 10% instead.



 E7B6D7

 E7B6D7

FFFFFF

 CB9BBB

 FFEEFF

 AF81A0

 946786

 7A4F6D

 603754

 48213D

 310B27

 1E0013

 000000

 E7B6D7

 E7B6D7

 E79FCF

 E7CDDF

 E788C8

 E7E4E6

 E771C0

 E7FBEE

 E75AB9

 E7FFF5

 E742B1

 E7FFFD

 E72BAA

 E7FFFF

 E714A2

 E7009C

# Harmonies

## Analogous

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



CFBCE9



E7B6D7



F3B4C0

# Triad

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



E7B6D7



D0C496



83D0DF

# Complementary

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



E7B6D7



B6E7C6

# 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.



88D2C9



E7B6D7



B6CB9F

# Square

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



E7B6D7



E6BD9A



9CD0B1



93CCEE

# Rectangle

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



E7B6D7



F4B5B0



9CD0B1



82D1D8



# Sweetspot

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



E7B6D7



FFF0FA



C6B6E7



80777D



000000



808080



# Same Dimension

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



E7B6D7



FFBFEA



E7B6BF



73676F



B30078



330022



# Inverse Universe

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



E7B6D7



FFBFEA



B6E7DE



73676F



B30078

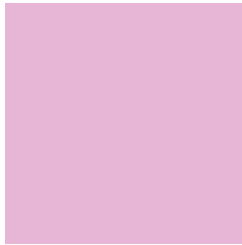


330022



# Previews

## White Background



This preview shows how the Hex color E7B6D7 looks on a white background.

## Color Contrast Check

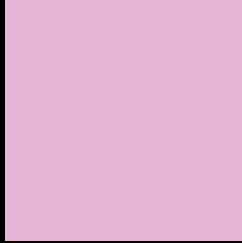
Large Text (above 18pt) WCAG AA × Fail

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 E7B6D7 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 E7B6D7 Background



This preview shows how black text looks on a background with the Hex color E7B6D7.

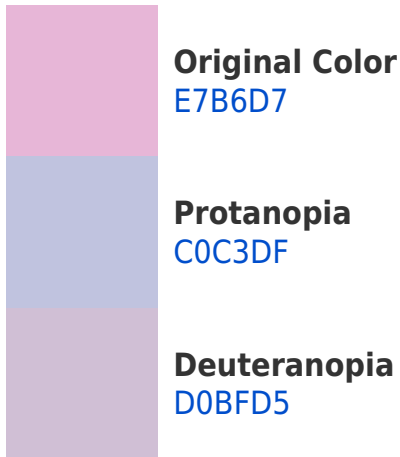


This preview shows how white text looks on a background with the Hex color E7B6D7.

# 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**  
E5B9C7

# Trichromacy



**Original Color**  
E7B6D7



**Protanomaly**  
CEBEDC



**Deuteranomaly**  
D8BCD6

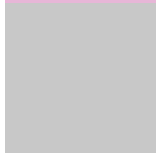


**Tritanomaly**  
E6B8CD

# Monochromacy



**Original Color**  
E7B6D7



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
D3C1CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7B6D7 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 #E7B6D7 looks like.

```
.text, #text, p{  
    color:#E7B6D7  
}
```

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 #E7B6D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7B6D7
}
```

## Border

The CSS property to change the border of an element to Hex E7B6D7 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
#E7B6D7 }
```

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

```
.border{ border-color:#E7B6D7 }
```

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

Here you see how a box with a 4 pixel #E7B6D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7B6D7; -webkit-box-shadow:4px 4px  
4px 4px #E7B6D7; box-shadow:4px 4px 4px  
4px #E7B6D7 }
```

# Background

The CSS property to change the background color of an element to Hex E7B6D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7B6D7 }
```

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

```
.background{ background-color:#E7B6D7 }
```

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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