

# Converting Colors

Hex(E7B5E2)

Have a look what the booklet for  
Hex(E7B5E2) contains.

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# **Color**

**Hex(E7B5E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7B5E2
RGB	231, 181, 226
RGB Percent	91%, 71%, 89%
CMY	0.0941, 0.2902, 0.1137
CMYK	0.00, 0.22, 0.02, 0.09
HSL	306°, 51%, 81%
HSV	306°, 22%, 91%
XYZ	63.2063, 55.5277, 79.3381
YIQ	201.0800, 15.3550, 24.5950

# Conversions

## Conversions Part 2

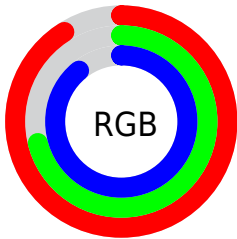
Format	Color
R <sub>Y</sub> B	231, 181, 226
Decimal	15185378
CIE Lab	79.34, 25.46, -15.58
CIE LCh	79, 29.851, 328.527
Yxy	55.5277, 0.3191, 0.2803
Android (android.graphics.Color)	4293375458 (0xFFE7B5E2)
YUV	201.0800, 12.2856, 26.2398
Hunter-Lab	74.5169, 21.0018, -10.9642

# Details

The Hex color **E7B5E2** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B5E7BA**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFEDFF**, and **AF80AB** is the 20% darker color. If you saturate the color by 10%, you get **E79EE0**, and if you desaturate by 10%, it is **E7CCE4**.

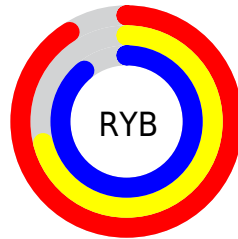
# Distribution



Red (91%)

Green (71%)

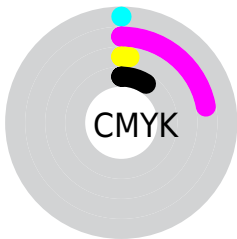
Blue (89%)



Red (91%)

Yellow (71%)

Blue (89%)

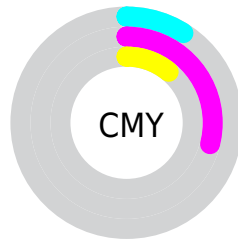


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7B5E2 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 E7B5E2 by changing the saturation by 10% instead.



 E7B5E2

FFFFFF

 FFEDFF

 E7B5E2

 CB9AC6

 AF80AB

 946690

 7A4E76

 60365E

 482046

 30092F

 1E001B

 000000

 E7B5E2

 E7B5E2

 E79EE0

 E7CCE4

 E787DD

 E7E3E7

 E770DB

 E7FAE9

 E759D9

 E7FFEB

 E742D6

 E7FFEE

 E72AD4

 E7FFF0

 E713D2

 E7FFF2

 E700D0

 E7FFF4

 E7FFF7

# Harmonies

## Analogous

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



C7BEF5



E7B5E2



F9B0C7

# Triad

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



E7B5E2



DAC28D



70D3DE

# Complementary

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



E7B5E2



B5E7BA

# 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.



7FD4C2



E7B5E2



BDCB93

# Square

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



E7B5E2



F1B996



9CD1A7



7DCFF3

# Rectangle

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



E7B5E2



FDB1B4



9CD1A7



73D4D5



# Sweetspot

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



E7B5E2



FFF0FD



BAB5E7



80777F



000000



808080



# Same Dimension

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



E7B5E2



FFBDF8



E7B5C9



736772



B300A1



33002E



# Inverse Universe

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



E7B5E2



FFBDF8



B5E7D3



736772



B300A1

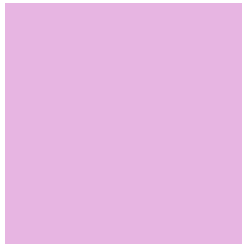


33002E



# Previews

## White Background



This preview shows how the Hex color E7B5E2 looks on a white background.

## Color Contrast Check

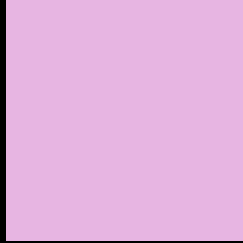
Large Text (above 18pt) WCAG AA × Fail

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 E7B5E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

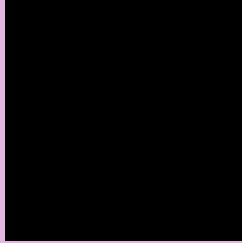
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7B5E2 Background



This preview shows how black text looks on a background with the Hex color E7B5E2.

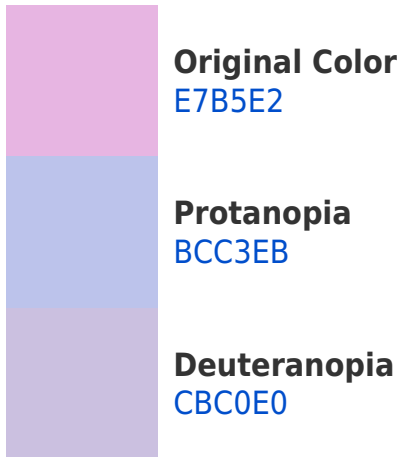



This preview shows how white text looks on a background with the Hex color E7B5E2.

# 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**  
E3BAC8

# Trichromacy



**Original Color**  
E7B5E2



**Protanomaly**  
CCBEE8



**Deuteranomaly**  
D5BCE1

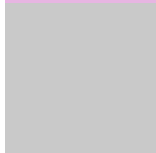


**Tritanomaly**  
E4B8D1

# Monochromacy



**Original Color**  
E7B5E2



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
D4C2D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7B5E2 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 #E7B5E2 looks like.

```
.text, #text, p{  
    color:#E7B5E2  
}
```

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 #E7B5E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7B5E2
}
```

## Border

The CSS property to change the border of an element to Hex E7B5E2 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
#E7B5E2 }
```

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

```
.border{ border-color:#E7B5E2 }
```

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

Here you see how a box with a 4 pixel #E7B5E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7B5E2; -webkit-box-shadow:4px 4px  
4px 4px #E7B5E2; box-shadow:4px 4px 4px  
4px #E7B5E2 }
```

# Background

The CSS property to change the background color of an element to Hex E7B5E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7B5E2 }
```

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

```
.background{ background-color:#E7B5E2 }
```

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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