

# Converting Colors

Hex(E5B7DB)

Have a look what the booklet for  
Hex(E5B7DB) contains.

<b>Hex(E5B7DB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E5B7DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E5B7DB
RGB	229, 183, 219
RGB Percent	90%, 72%, 86%
CMY	0.1020, 0.2824, 0.1412
CMYK	0.00, 0.20, 0.04, 0.10
HSL	313°, 47%, 81%
HSV	313°, 20%, 90%
XYZ	62.0328, 55.6395, 74.4878
YIQ	200.8580, 15.8600, 20.9480

# Conversions

## Conversions Part 2

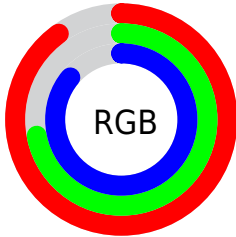
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 183, 219
Decimal	15054811
CIE Lab	79.41, 22.47, -11.73
CIE LCh	79, 25.344, 332.430
Yxy	55.6395, 0.3228, 0.2895
Android (android.graphics.Color)	4293244891 (0xFFE5B7DB)
YUV	200.8580, 8.9440, 24.6805
Hunter-Lab	74.5919, 17.9100, -6.9930

# Details

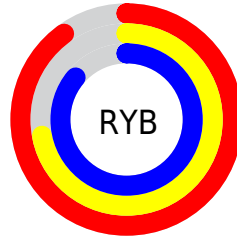
The Hex color **E5B7DB** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B7E5C1**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFEFFF**, and **AD82A4** is the 20% darker color. If you saturate the color by 10%, you get **E5A0D6**, and if you desaturate by 10%, it is **E5CEE0**.

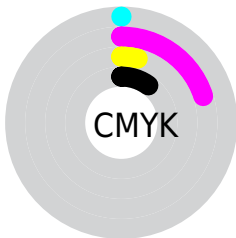
# Distribution



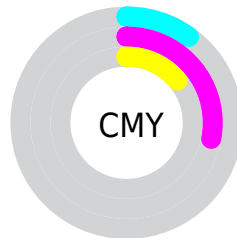
- Red (90%)
- Green (72%)
- Blue (86%)



- Red (90%)
- Yellow (72%)
- Blue (86%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (10%)



- Cyan (10%)
- Magenta (28%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5B7DB 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 E5B7DB by changing the saturation by 10% instead.



 E5B7DB

 E5B7DB

FFFFFF

 C99CBF

 FFEFFF

 AD82A4

 92688A

 785070

 5F3858

 472240

 2F0C2A

 1D0016

 000000

 E5B7DB

 E5B7DB

 E5A0D6

 E5CEE0

 E589D1

 E5E5E5

 E572CC

 E5FCEA

 E55BC7

 E5FFEF

 E545C2

 E5FFF4

 E52EBD

 E5FFF9

 E517B8

 E5FFFE

 E500B3

 E5FFFF

# Harmonies

## Analogous

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



CBBEED



E5B7DB



F3B4C4

# Triad

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



E5B7DB



D5C496



82D1DD

# Complementary

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



E5B7DB



B7E5C1

# 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.



8AD2C6



E5B7DB



BBCB9C

# Square

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



E5B7DB



E9BC9C



A0D0AE



8ECDEE

# Rectangle

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



E5B7DB



F5B5B4



A0D0AE



82D2D6



# Sweetspot

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



E5B7DB



FFF0FC



C1B7E5



80777E



000000



808080



# Same Dimension

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



E5B7DB



FFC2F2



E5B7C4



736770



B3008C



330028



# Inverse Universe

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



E5B7DB



FFC2F2



B7E5D8



736770



B3008C

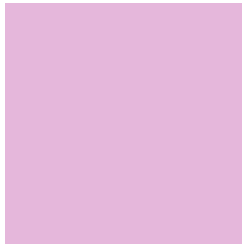


330028



# Previews

## White Background



This preview shows how the Hex color E5B7DB looks on a white background.

## Color Contrast Check

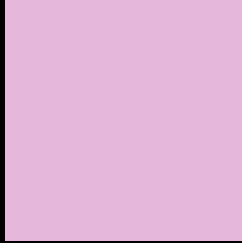
Large Text (above 18pt) WCAG AA × Fail

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 E5B7DB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

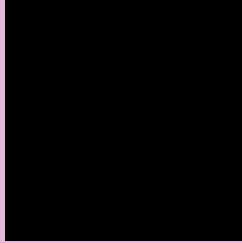
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5B7DB Background



This preview shows how black text looks on a background with the Hex color E5B7DB.

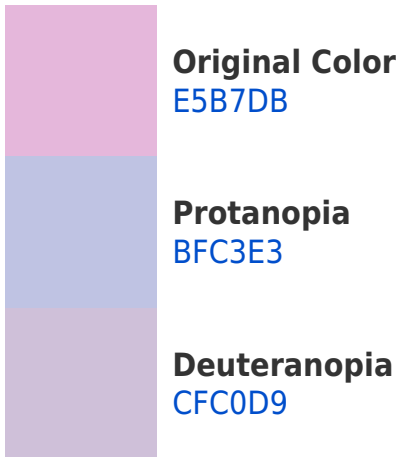



This preview shows how white text looks on a background with the Hex color E5B7DB.

# 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**  
E2BAC9

# Trichromacy



**Original Color**  
E5B7DB

**Protanomaly**  
CDBFE0

**Deuteranomaly**  
D7BDDA

**Tritanomaly**  
E3B9D0

# Monochromacy



**Original Color**  
E5B7DB

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
D3C2D0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5B7DB 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 #E5B7DB looks like.

```
.text, #text, p{  
    color:#E5B7DB  
}
```

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 #E5B7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B7DB  
}
```

## Border

The CSS property to change the border of an element to Hex E5B7DB 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  
#E5B7DB }
```

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

```
.border{ border-color:#E5B7DB }
```

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

Here you see how a box with a 4 pixel #E5B7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B7DB; -webkit-box-shadow:4px 4px  
4px 4px #E5B7DB; box-shadow:4px 4px 4px  
4px #E5B7DB }
```

# Background

The CSS property to change the background color of an element to Hex E5B7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B7DB }
```

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

```
.background{ background-color:#E5B7DB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor