

# Converting Colors

Hex(E5B6E0)

Have a look what the booklet for  
Hex(E5B6E0) contains.

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# Color

**Hex(E5B6E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5B6E0
RGB	229, 182, 224
RGB Percent	90%, 71%, 88%
CMY	0.1020, 0.2863, 0.1216
CMYK	0.00, 0.21, 0.02, 0.10
HSL	306°, 47%, 81%
HSV	306°, 21%, 90%
XYZ	62.4956, 55.4957, 77.9389
YIQ	200.8410, 14.5300, 23.0260

# Conversions

## Conversions Part 2

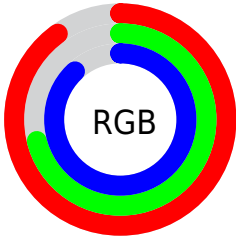
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 182, 224
Decimal	15054560
CIE Lab	79.33, 23.90, -14.55
CIE LCh	79, 27.979, 328.660
Yxy	55.4957, 0.3190, 0.2832
Android (android.graphics.Color)	4293244640 (0xFFE5B6E0)
YUV	200.8410, 11.4174, 24.6954
Hunter-Lab	74.4955, 19.3799, -9.8838

# Details

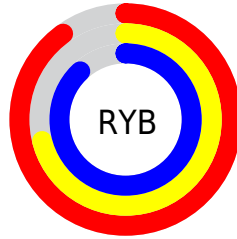
The Hex color **E5B6E0** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B6E5BB**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFEEFF**, and **AD81A9** is the 20% darker color. If you saturate the color by 10%, you get **E59FDE**, and if you desaturate by 10%, it is **E5CDE2**.

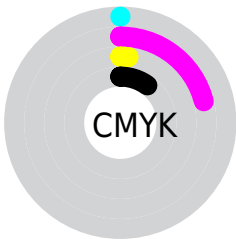
# Distribution



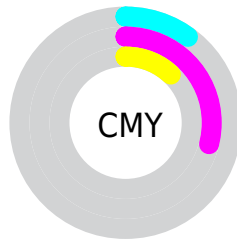
- Red (90%)
- Green (71%)
- Blue (88%)



- Red (90%)
- Yellow (71%)
- Blue (88%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (29%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5B6E0 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 E5B6E0 by changing the saturation by 10% instead.



 E5B6E0

FFFFFF

 FFEEFF

 E5B6E0

 C99BC4

 AD81A9

 92678E

 784F75

 5F375C

 472144

 2F0B2E

 1C001A

 000000

 E5B6E0

 E5B6E0

 E59FDE

 E5CDE2

 E588DB

 E5E4E5

 E571D9

 E5FBE7

 E55AD6

 E5FFEA

 E544D4

 E5FFEC

 E52DD1

 E5FFEF

 E516CF

 E5FFF1

 E500CD

 E5FFF3

 E5FFF6

# Harmonies

## Analogous

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



C7BEF2



E5B6E0



F6B2C7

# Triad

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



E5B6E0



D9C291



78D2DD

# Complementary

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



E5B6E0



B6E5BB

# 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.



85D3C2



E5B6E0



BDCA96

# Square

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



E5B6E0



EEBA99



9FD0A9



83CEFO

# Rectangle

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



E5B6E0



FAB2B5



9FD0A9



7AD3D4



# Sweetspot

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



E5B6E0



FFF0FD



BBB6E5



80777F



000000



808080



# Same Dimension

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



E5B6E0



FFBFF8



E5B6C9



736772



B300A0



33002E



# Inverse Universe

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



E5B6E0



FFBFF8



B6E5D2



736772



B300A0

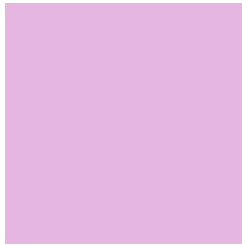


33002E



# Previews

## White Background



This preview shows how the Hex color E5B6E0 looks on a white background.

## Color Contrast Check

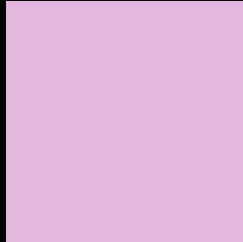
Large Text (above 18pt) WCAG AA × Fail

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 E5B6E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

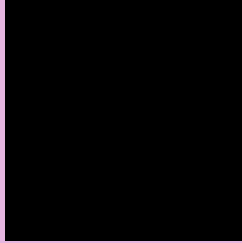
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E5B6E0 Background



This preview shows how black text looks on a background with the Hex color E5B6E0.

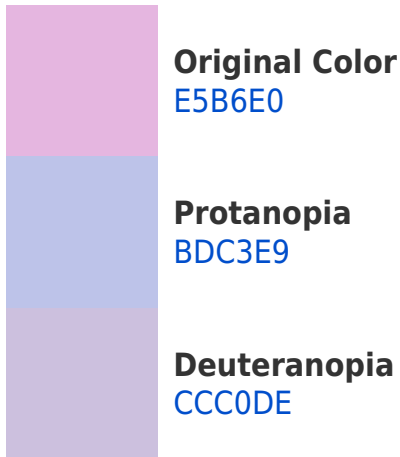



This preview shows how white text looks on a background with the Hex color E5B6E0.

# 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**  
E5B6E0



**Protanomaly**  
CCBEE6



**Deuteranomaly**  
D5BCDF

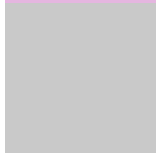


**Tritanomaly**  
E3B9D1

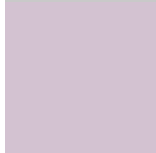
# Monochromacy



**Original Color**  
E5B6E0



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
D3C2D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5B6E0 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 #E5B6E0 looks like.

```
.text, #text, p{  
    color:#E5B6E0  
}
```

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 #E5B6E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B6E0
}
```

## Border

The CSS property to change the border of an element to Hex E5B6E0 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
#E5B6E0 }
```

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

```
.border{ border-color:#E5B6E0 }
```

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

Here you see how a box with a 4 pixel #E5B6E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B6E0; -webkit-box-shadow:4px 4px  
4px 4px #E5B6E0; box-shadow:4px 4px 4px  
4px #E5B6E0 }
```

# Background

The CSS property to change the background color of an element to Hex E5B6E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B6E0 }
```

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

```
.background{ background-color:#E5B6E0 }
```

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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