

# Converting Colors

Hex(E5B4EA)

Have a look what the booklet for  
Hex(E5B4EA) contains.

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# Color

**Hex(E5B4EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5B4EA
RGB	229, 180, 234
RGB Percent	90%, 71%, 92%
CMY	0.1020, 0.2941, 0.0824
CMYK	0.02, 0.23, 0.00, 0.08
HSL	294°, 56%, 81%
HSV	294°, 23%, 92%
XYZ	63.4856, 55.2410, 85.1584
YIQ	200.8070, 11.8700, 27.1820

# Conversions

## Conversions Part 2

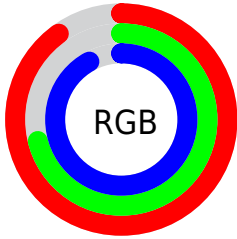
Format	Color
R <sub>Y</sub> B	229, 180, 234
Decimal	15054058
CIE Lab	79.18, 26.81, -20.17
CIE LCh	79, 33.547, 323.050
Yxy	55.2410, 0.3114, 0.2709
Android (android.graphics.Color)	4293244138 (0xFFE5B4EA)
YUV	200.8070, 16.3641, 24.7253
Hunter-Lab	74.3243, 22.4019, -15.9056

# Details

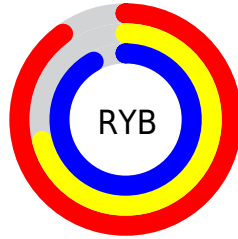
The Hex color **E5B4EA** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B9EAB4**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFECFF**, and **AD7FB2** is the 20% darker color. If you saturate the color by 10%, you get **E39DEA**, and if you desaturate by 10%, it is **E7CBEA**.

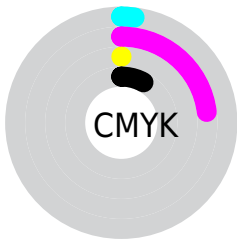
# Distribution



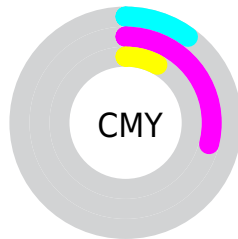
- Red (90%)
- Green (71%)
- Blue (92%)



- Red (90%)
- Yellow (71%)
- Blue (92%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (10%)
- Magenta (29%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5B4EA 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 E5B4EA by changing the saturation by 10% instead.



 E5B4EA

 E5B4EA

FFFFFF

 C999CE

 FFECFF

 AD7FB2

 926597

 784D7D

 5E3564

 461F4C

 2F0835

 1C0020

 000004

 E5B4EA

 E5B4EA

 E39DEA

 E7CBEA

 E185EA

 E9E3EA

 DF6EEA

 EBFAEA

 DC56EA

 EEFFEA

 DA3FEA

 F0FFEA

 D828EA

 F2FFEA

 D610EA

 F4FFEA

 D400EA

 F6FFEA

 F8FFEA

# Harmonies

## Analogous

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



BFBFFD



E5B4EA



FDADCD

# Triad

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



E5B4EA



E1C086



61D5DB

# Complementary

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



E5B4EA



B9EAB4

# 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.



79D5BB



E5B4EA



C1CA8A

# Square

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



E5B4EA



F8B593



9DD19E



69D1F5

# Rectangle

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



E5B4EA



FFADB7



9DD19E



66D5D1



# Sweetspot

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



E5B4EA



FDEDFD



B4B9EA



7F7580



000000



808080



# Same Dimension

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



E5B4EA



F8B8FF



EAB4D4



746A75



A400B5



310036



# Inverse Universe

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



EAB4B9



FFB8BE



B4EACA



756A6B



B50011

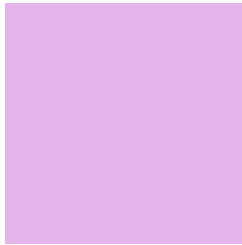


360005



# Previews

## White Background



This preview shows how the Hex color E5B4EA looks on a white background.

## Color Contrast Check

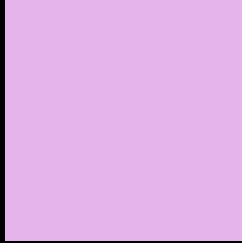
Large Text (above 18pt) WCAG AA × Fail

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 E5B4EA 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 E5B4EA Background



This preview shows how black text looks on a background with the Hex color E5B4EA.

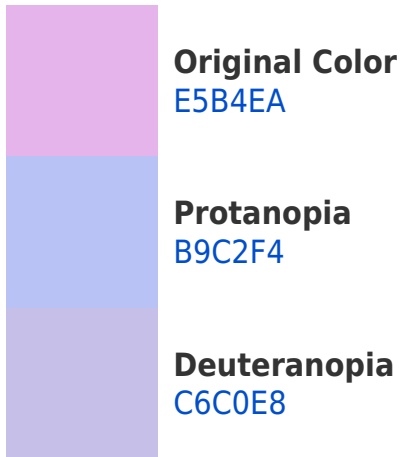


This preview shows how white text looks on a background with the Hex color E5B4EA.

# 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





# Trichromacy



**Original Color**  
E5B4EA



**Protanomaly**  
C9BDF0



**Deuteranomaly**  
D1BCE9

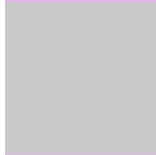


**Tritanomaly**  
E2B8D5

# Monochromacy



**Original Color**  
E5B4EA



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
D3C1D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5B4EA 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 #E5B4EA looks like.

```
.text, #text, p{  
    color:#E5B4EA  
}
```

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 #E5B4EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B4EA
}
```

## Border

The CSS property to change the border of an element to Hex E5B4EA 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
#E5B4EA }
```

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

```
.border{ border-color:#E5B4EA }
```

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

Here you see how a box with a 4 pixel #E5B4EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B4EA; -webkit-box-shadow:4px 4px  
4px 4px #E5B4EA; box-shadow:4px 4px 4px  
4px #E5B4EA }
```

# Background

The CSS property to change the background color of an element to Hex E5B4EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B4EA }
```

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

```
.background{ background-color:#E5B4EA }
```

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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