

# Converting Colors

Hex(E4B2ED)

Have a look what the booklet for  
Hex(E4B2ED) contains.

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**Color**

**Hex(E4B2ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4B2ED
RGB	228, 178, 237
RGB Percent	89%, 70%, 93%
CMY	0.1059, 0.3020, 0.0706
CMYK	0.04, 0.25, 0.00, 0.07
HSL	291°, 62%, 81%
HSV	291°, 25%, 93%
XYZ	63.2014, 54.4492, 87.2994
YIQ	199.6760, 10.8610, 28.9490

# Conversions

## Conversions Part 2

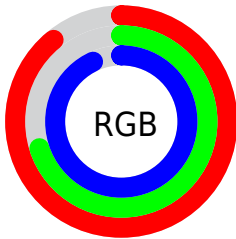
Format	Color
R <sub>Y</sub> B	228, 178, 237
Decimal	14988013
CIE Lab	78.72, 28.13, -22.49
CIE LCh	79, 36.009, 321.360
Yxy	54.4492, 0.3084, 0.2657
Android (android.graphics.Color)	4293178093 (0xFFE4B2ED)
YUV	199.6760, 18.4007, 24.8401
Hunter-Lab	73.7897, 23.7545, -18.4923

# Details

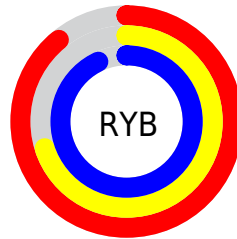
The Hex color **E4B2ED** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BBEDB2**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFEAFF**, and **AC7DB5** is the 20% darker color. If you saturate the color by 10%, you get **E09AED**, and if you desaturate by 10%, it is **E8CAED**.

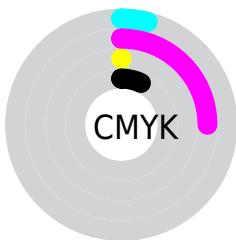
# Distribution



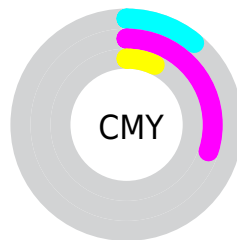
- Red (89%)
- Green (70%)
- Blue (93%)



- Red (89%)
- Yellow (70%)
- Blue (93%)



- Cyan (4%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (30%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4B2ED 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 E4B2ED by changing the saturation by 10% instead.



 E4B2ED


FFFFFF

 FFEAFF

 E4B2ED

 C897D1

 AC7DB5

 91639A

 774B80

 5D3367

 451D4F

 2D0637

 1A0022

 000007

 E4B2ED

 E4B2ED

 E09AED

 E8CAED

 DD83ED

 EBE1ED

 D96BED

 EFF9ED

 D653ED

 F2FFED

 D23BED

 F6FFED

 CE24ED

 FAFFED

 CB0CED

 FDFFED

 C900ED

 FFFFED

# Harmonies

## Analogous

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



BABEFF



E4B2ED



FEAACE

# Triad

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



E4B2ED



E3BD81



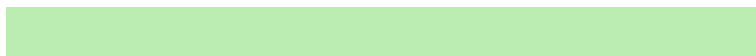
53D5DA

# Complementary

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



E4B2ED



BBEDB2

# 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.



73D5B8



E4B2ED



C1C884

# Square

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



E4B2ED



FBB290



9BD098



5AD1F6

# Rectangle

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



E4B2ED



FFAAB7



9BD098



5BD5CF



# Sweetspot

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



E4B2ED



FCEDFF



B2BCED



7E7580



000000



808080



# Same Dimension

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



E4B2ED



F3B3FF



EDB2D9



746A75



9900B5



2D0036



# Inverse Universe

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



EDB2BB



FFB3BE



B2EDC6



756A6B



B5001C



360008



# Previews

## White Background



This preview shows how the Hex color E4B2ED looks on a white background.

## Color Contrast Check

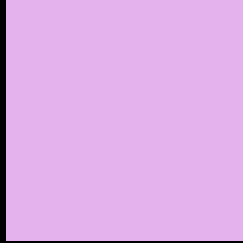
Large Text (above 18pt) WCAG AA × Fail

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 E4B2ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

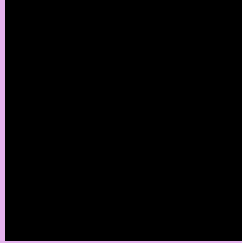
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E4B2ED Background



This preview shows how black text looks on a background with the Hex color E4B2ED.

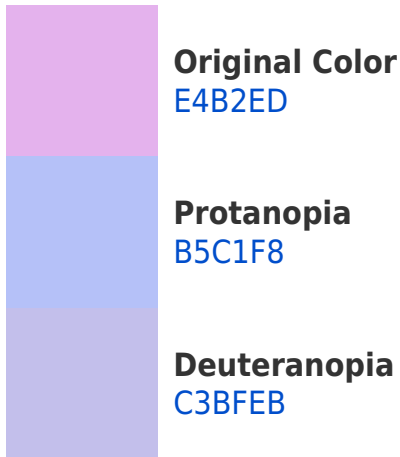


This preview shows how white text looks on a background with the Hex color E4B2ED.

# 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**  
DFB9C7

# Trichromacy



**Original Color**  
E4B2ED



**Protanomaly**  
C6BCF4



**Deuteranomaly**  
CFBAEC

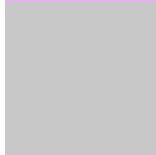


**Tritanomaly**  
E1B6D5

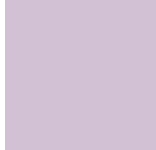
# Monochromacy



**Original Color**  
E4B2ED



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
D2C0D5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4B2ED 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 #E4B2ED looks like.

```
.text, #text, p{  
    color:#E4B2ED  
}
```

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 #E4B2ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4B2ED
}
```

## Border

The CSS property to change the border of an element to Hex E4B2ED 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
#E4B2ED }
```

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

```
.border{ border-color:#E4B2ED }
```

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

Here you see how a box with a 4 pixel #E4B2ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4B2ED; -webkit-box-shadow:4px 4px  
4px 4px #E4B2ED; box-shadow:4px 4px 4px  
4px #E4B2ED }
```

# Background

The CSS property to change the background color of an element to Hex E4B2ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4B2ED }
```

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

```
.background{ background-color:#E4B2ED }
```

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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