

# Converting Colors

Hex(E7AAF3)

Have a look what the booklet for  
Hex(E7AAF3) contains.

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# **Color**

**Hex(E7AAF3)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E7AAF3                     |
| RGB         | 231, 170, 243              |
| RGB Percent | 91%, 67%, 95%              |
| CMY         | 0.0941, 0.3333, 0.0471     |
| CMYK        | 0.05, 0.30, 0.00, 0.05     |
| HSL         | 290°, 75%, 81%             |
| HSV         | 290°, 30%, 95%             |
| XYZ         | 63.5074, 52.2094, 91.5242  |
| YIQ         | 196.5610, 12.9230, 35.6350 |

# Conversions

## Conversions Part 2

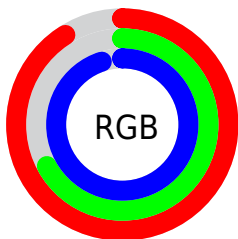
| <b>Format</b>   | <b>Color</b>   |
|---|--|
| <a href="#">RYB</a>                                   | <a href="#">231, 170, 243</a>                                |
| Decimal   | <a href="#">15182579</a>                                     |
| <a href="#">CIELab</a>                                | <a href="#">77.41, 34.51, -27.71</a>                         |
| <a href="#">CIELCh</a>                                | <a href="#">77, 44.253, 321.238</a>                          |
| <a href="#">Yxy</a>                                   | <a href="#">52.2094, 0.3064,<br/>0.2519</a>                  |
| Android<br>( <a href="#">android.graphics.Color</a> ) | <a href="#">4293372659</a><br>( <a href="#">0xFFE7AAF3</a> ) |
| <a href="#">YUV</a>                                   | <a href="#">196.5610, 22.8944,<br/>30.2030</a>               |
| <a href="#">Hunter-Lab</a>                            | <a href="#">72.2561, 30.4392,<br/>-24.5213</a>               |

# Details

The Hex color **E7AAF3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B6F3AA**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFE2FF**, and **AF75BB** is the 20% darker color. If you saturate the color by 10%, you get **E392F3**, and if you desaturate by 10%, it is **EBC2F3**.

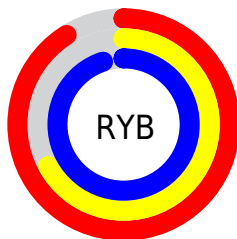
# Distribution



Red (91%)

Green (67%)

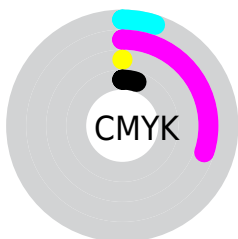
Blue (95%)



Red (91%)

Yellow (67%)

Blue (95%)

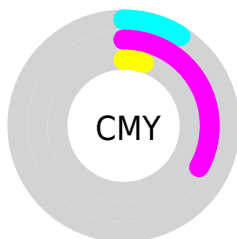


Cyan (5%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (33%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7AAF3 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 E7AAF3 by changing the saturation by 10% instead.



 E7AAF3

FFFFFF

 FFE2FF

 E7AAF3

 CA8FD6

 AF75BB

 935CA0

 794385

 5F2B6C

 461353

 2E003C

 190026

 00010E

 E7AAF3

 E7AAF3

 E392F3

 EBC2F3

 DF79F3

 EFDBF3

 DB61F3

 F3F3F3

 D749F3

 F7FFF3

 D331F3

 FBFFF3

 CF18F3

 FFFF3

 CB00F3

# Harmonies

## Analogous

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



B2B9FF



E7AAF3



FFA0CD

# Triad

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



E7AAF3



E4B96E



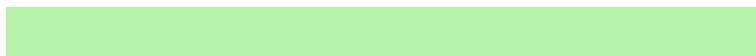
00D5DC

# Complementary

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



E7AAF3



B6F3AA

# 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.



53D4B1



E7AAF3



BCC671

# Square

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



E7AAF3



FFAA81



8DCF8A



00D0FE

# Rectangle

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



E7AAF3



FF9FB1



8DCF8A



16D5CE



# Sweetspot

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



E7AAF3



FBE8FF



AAB6F3



7D7180



000000



808080



# Same Dimension

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



E7AAF3



F0A3FF



F3AADB



786E7A



9C00BA



31003B



# Inverse Universe

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



F3AAB6



FFA3B2



AAF3C2



7A6E70



BA001F



3B000A



# Previews

## White Background



This preview shows how the Hex color E7AAF3 looks on a white background.

## Color Contrast Check

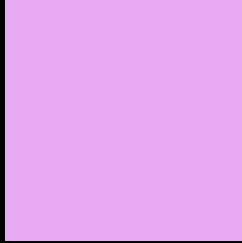
Large Text (above 18pt) WCAG AA × Fail

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 E7AAF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

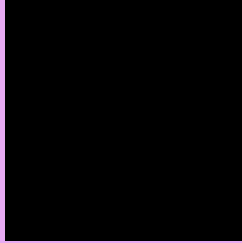
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7AAF3 Background



This preview shows how black text looks on a background with the Hex color E7AAF3.

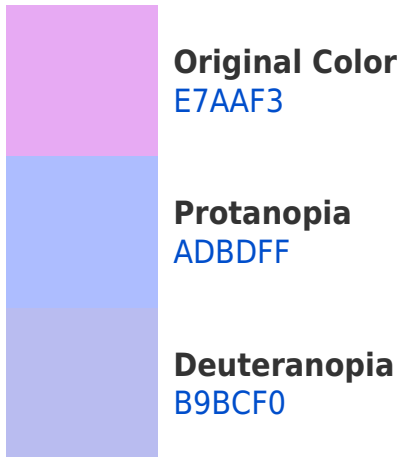


This preview shows how white text looks on a background with the Hex color E7AAF3.

# 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**  
E0B4C2

# Trichromacy



**Original Color**  
E7AAF3



**Protanomaly**  
C2B6FB



**Deuteranomaly**  
CAB5F1

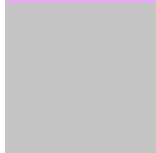


**Tritanomaly**  
E3B0D4

# Monochromacy



**Original Color**  
E7AAF3



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
D1BBD6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7AAF3 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 #E7AAF3 looks like.

```
.text, #text, p{  
    color:#E7AAF3  
}
```

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 #E7AAF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7AAF3
}
```

## Border

The CSS property to change the border of an element to Hex E7AAF3 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
#E7AAF3 }
```

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

```
.border{ border-color:#E7AAF3 }
```

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

Here you see how a box with a 4 pixel #E7AAF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7AAF3; -webkit-box-shadow:4px 4px  
4px 4px #E7AAF3; box-shadow:4px 4px 4px  
4px #E7AAF3 }
```

# Background

The CSS property to change the background color of an element to Hex E7AAF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7AAF3 }
```

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

```
.background{ background-color:#E7AAF3 }
```

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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