

# Converting Colors

Hex(E7A5F0)

Have a look what the booklet for  
Hex(E7A5F0) contains.

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# **Color**

**Hex(E7A5F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7A5F0
RGB	231, 165, 240
RGB Percent	91%, 65%, 94%
CMY	0.0941, 0.3529, 0.0588
CMYK	0.04, 0.31, 0.00, 0.06
HSL	293°, 71%, 79%
HSV	293°, 31%, 94%
XYZ	62.1383, 50.1905, 88.8508
YIQ	193.2840, 15.2610, 37.3170

# Conversions

## Conversions Part 2

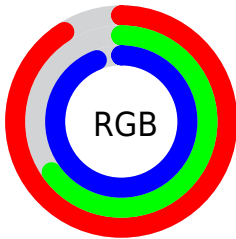
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">231, 165, 240</a>
Decimal	<a href="#">15181296</a>
CIELab	<a href="#">76.19, 36.60, -27.95</a>
CIELCh	<a href="#">76, 46.054, 322.630</a>
Yxy	<a href="#">50.1905, 0.3089, 0.2495</a>
Android (android.graphics.Color)	<a href="#">4293371376 (0xFFE7A5F0)</a>
YUV	<a href="#">193.2840, 23.0310, 33.0769</a>
Hunter-Lab	<a href="#">70.8452, 32.5831, -24.7671</a>

# Details

The Hex color **E7A5F0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AEF0A5**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFDDFF**, and **AE70B8** is the 20% darker color. If you saturate the color by 10%, you get **E48DF0**, and if you desaturate by 10%, it is **EABDF0**.

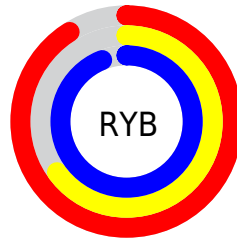
# Distribution



Red (91%)

Green (65%)

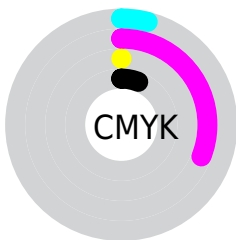
Blue (94%)



Red (91%)

Yellow (65%)

Blue (94%)

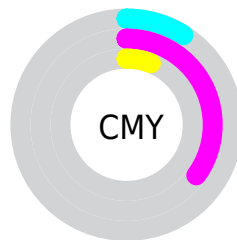


Cyan (4%)

Magenta (31%)

Yellow (0%)

Black (6%)



Cyan (9%)

Magenta (35%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7A5F0 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 E7A5F0 by changing the saturation by 10% instead.



 E7A5F0

 E7A5F0

FFFFFF

 CA8AD4

 FFDDFF

 AE70B8

 FFFAFF

 93579D

 793E82

 5F2669

 460C51

 2D0039

 160023


 00000A

 E7A5F0

 E7A5F0

 E48DF0

 EABDF0

 E175F0

 EDD5F0

 DE5DF0

 F0EDF0

 DB45F0

 F3FFF0

 D92DF0

 F5FFF0

 D615F0

 F8FFF0

 D300F0

 FBFFF0

 FEFFF0

 FFFFF0

# Harmonies

## Analogous

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



B0B5FF



E7A5F0



FF9BC8

# Triad

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



E7A5F0



E0B667



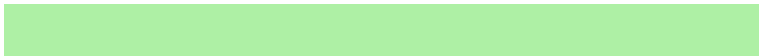
00D2DB

# Complementary

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



E7A5F0



AEF0A5

# 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.



44D2B0



E7A5F0



B6C36B

# Square

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



E7A5F0



FFA77A



85CD87



00CDFE

# Rectangle

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



E7A5F0



FF9AAB



85CD87



00D2CD



# Sweetspot

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



E7A5F0



FCE8FF



A5AFF0



7E7180



000000



808080



# Same Dimension

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



E7A5F0



F39EFF



F0A5D4



766C78



A200B8



310038



# Inverse Universe

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



F0A5AE



FF9EAA



A5F0C1



786C6D



B80016

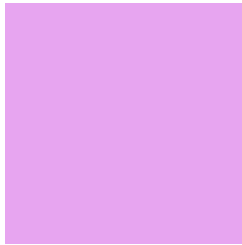


380007



# Previews

## White Background



This preview shows how the Hex color E7A5F0 looks on a white background.

## Color Contrast Check

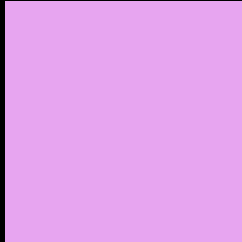
Large Text (above 18pt) WCAG AA × Fail

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 E7A5F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

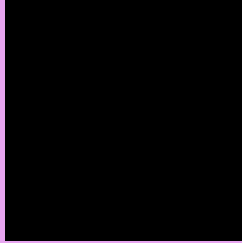
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7A5F0 Background



This preview shows how black text looks on a background with the Hex color E7A5F0.

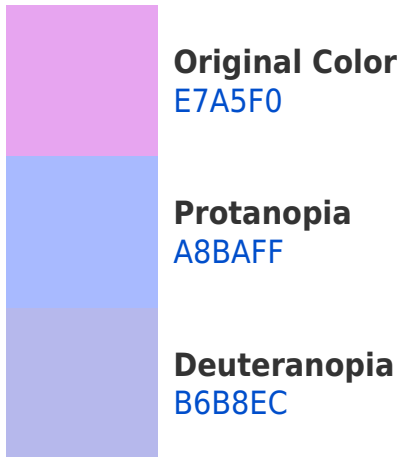


This preview shows how white text looks on a background with the Hex color E7A5F0.

# 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**  
E7A5F0



**Protanomaly**  
BFB2FA



**Deuteranomaly**  
C8B1ED

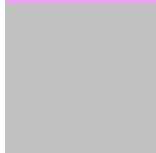


**Tritanomaly**  
E3ABD0

# Monochromacy



**Original Color**  
E7A5F0



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
CFB7D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7A5F0 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 #E7A5F0 looks like.

```
.text, #text, p{  
    color:#E7A5F0  
}
```

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 #E7A5F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7A5F0
}
```

## Border

The CSS property to change the border of an element to Hex E7A5F0 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
#E7A5F0 }
```

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

```
.border{ border-color:#E7A5F0 }
```

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

Here you see how a box with a 4 pixel #E7A5F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7A5F0; -webkit-box-shadow:4px 4px  
4px 4px #E7A5F0; box-shadow:4px 4px 4px  
4px #E7A5F0 }
```

# Background

The CSS property to change the background color of an element to Hex E7A5F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7A5F0 }
```

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

```
.background{ background-color:#E7A5F0 }
```

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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