

# Converting Colors

Hex(E7A2F4)

Have a look what the booklet for  
Hex(E7A2F4) contains.

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# Color

**Hex(E7A2F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7A2F4
RGB	231, 162, 244
RGB Percent	91%, 64%, 96%
CMY	0.0941, 0.3647, 0.0431
CMYK	0.05, 0.34, 0.00, 0.04
HSL	290°, 79%, 80%
HSV	290°, 34%, 96%
XYZ	62.2045, 49.3612, 91.8371
YIQ	191.9790, 14.8020, 40.1300

# Conversions

## Conversions Part 2

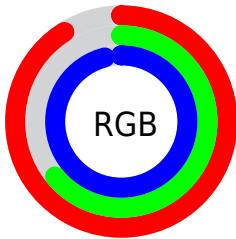
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 162, 244
Decimal	15180532
CIE Lab	75.68, 38.95, -30.90
CIE LCh	76, 49.725, 321.574
Yxy	49.3612, 0.3058, 0.2427
Android (android.graphics.Color)	4293370612 (0xFFE7A2F4)
YUV	191.9790, 25.6464, 34.2214
Hunter-Lab	70.2576, 35.0892, -28.3206

# Details

The Hex color **E7A2F4** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **AFF4A2**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFDAFF**, and **AE6DBC** is the 20% darker color. If you saturate the color by 10%, you get **E38AF4**, and if you desaturate by 10%, it is **EBBAF4**.

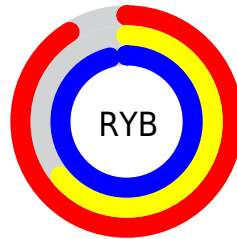
# Distribution



Red (91%)

Green (64%)

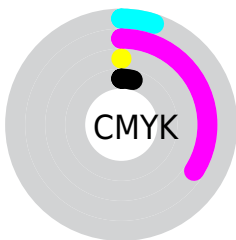
Blue (96%)



Red (91%)

Yellow (64%)

Blue (96%)

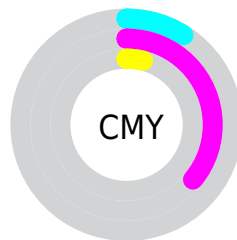


Cyan (5%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (36%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7A2F4 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 E7A2F4 by changing the saturation by 10% instead.



 E7A2F4

 E7A2F4

FFFFFF

 CA87D7

 FFDAFF

 AE6DBC

 FFF7FF

 9354A0

 783B86

 5E226C

 450654

 2D003C

 140026

 00010F

 E7A2F4

 E7A2F4

 E38AF4

 EBBAF4

 DF71F4

 EFD3F4

 DB59F4

 F3EBF4

 D840F4

 F6FFF4

 D428F4

 FAFFF4

 D010F4

 FEFFF4

 CD00F4

 FFFF4

# Harmonies

## Analogous

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



AAB3FF



E7A2F4



FF96C9

# Triad

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



E7A2F4



E2B35E



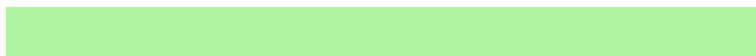
00D2DB

# Complementary

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



E7A2F4



AFF4A2

# 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.



2FD1AC



E7A2F4



B6C262

# Square

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



E7A2F4



FFA374



80CC80



00CDF4

# Rectangle

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



E7A2F4



FF95AA



80CC80



00D2CB



# Sweetspot

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



E7A2F4



FBE6FF



A2B0F4



7D7080



000000



808080



# Same Dimension

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



E7A2F4



EF99FF



F4A2D9



786E7A



9D00BA



31003B



# Inverse Universe

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



F4A2AF



FF99A9



A2F4BD



7A6E70



BA001E

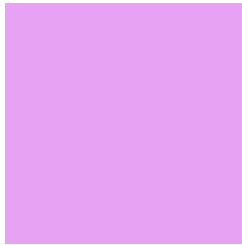


3B0009



# Previews

## White Background



This preview shows how the Hex color E7A2F4 looks on a white background.

## Color Contrast Check

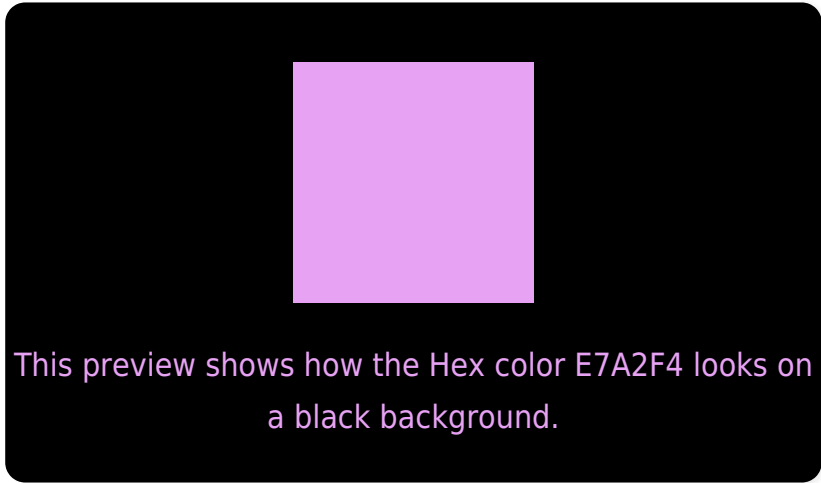
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 E7A2F4 Background



This preview shows how black text looks on a background with the Hex color E7A2F4.

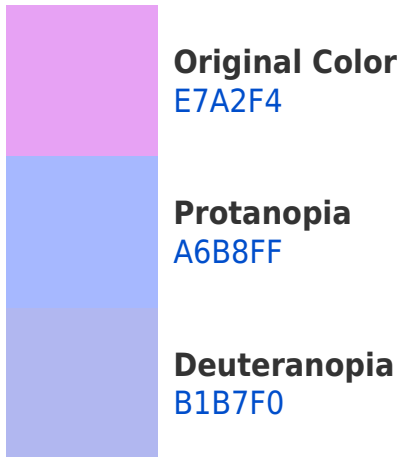


This preview shows how white text looks on a background with the Hex color E7A2F4.

# 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**  
E7A2F4



**Protanomaly**  
BEB0FB



**Deuteranomaly**  
C5AFF1



**Tritanomaly**  
E2A9D0

# Monochromacy



**Original Color**  
E7A2F4



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
CEB5D3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7A2F4 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 #E7A2F4 looks like.

```
.text, #text, p{  
    color:#E7A2F4  
}
```

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 #E7A2F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7A2F4
}
```

## Border

The CSS property to change the border of an element to Hex E7A2F4 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
#E7A2F4 }
```

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

```
.border{ border-color:#E7A2F4 }
```

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

Here you see how a box with a 4 pixel #E7A2F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7A2F4; -webkit-box-shadow:4px 4px  
4px 4px #E7A2F4; box-shadow:4px 4px 4px  
4px #E7A2F4 }
```

# Background

The CSS property to change the background color of an element to Hex E7A2F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7A2F4 }
```

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

```
.background{ background-color:#E7A2F4 }
```

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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