

# Converting Colors

Hex(E7C2F8)

Have a look what the booklet for  
Hex(E7C2F8) contains.

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# **Color**

**Hex(E7C2F8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7C2F8
RGB	231, 194, 248
RGB Percent	91%, 76%, 97%
CMY	0.0941, 0.2392, 0.0275
CMYK	0.07, 0.22, 0.00, 0.03
HSL	281°, 79%, 87%
HSV	281°, 22%, 97%
XYZ	69.1901, 62.3498, 97.1949
YIQ	211.2190, 4.7180, 24.6380

# Conversions

## Conversions Part 2

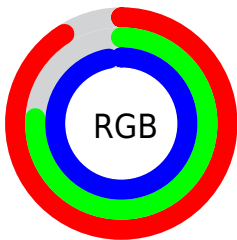
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 194, 248
Decimal	15188728
CIE <sub>Lab</sub>	83.10, 22.63, -21.71
CIE <sub>LCh</sub>	83, 31.363, 316.193
Y <sub>xy</sub>	62.3498, 0.3025, 0.2726
Android (android.graphics.Color)	4293378808 (0xFFE7C2F8)
Y <sub>UV</sub>	211.2190, 18.1330, 17.3479
Hunter-Lab	78.9619, 18.2266, -17.7073

# Details

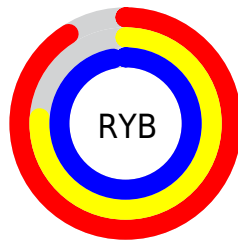
The Hex color **E7C2F8** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D3F8C2**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFBFF**, and **AF8CC0** is the 20% darker color. If you saturate the color by 10%, you get **DFA9F8**, and if you desaturate by 10%, it is **EFDBF8**.

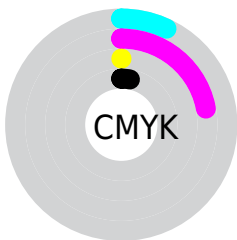
# Distribution



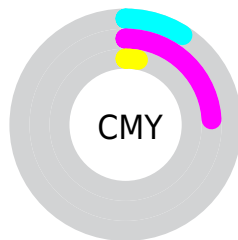
- Red (91%)
- Green (76%)
- Blue (97%)



- Red (91%)
- Yellow (76%)
- Blue (97%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (24%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7C2F8 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 E7C2F8 by changing the saturation by 10% instead.



 E7C2F8

FFFFFF

 FFFBFF

 E7C2F8

 CBA7DB


 AF8CC0

 9472A4

 7A5A8A

 614270

 482B58

 311640

 1D002A

 000115

 E7C2F8

 E7C2F8

 DFA9F8

 EFDBF8

 D790F8

 F7F4F8

 D078F8

 FEFFF8

 C85FF8

 FFFFF8

 C046F8

 B82DF8

 B014F8

 AA00F8

# Harmonies

## Analogous

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



C1CCFF



E7C2F8



FFBBDE

# Triad

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



E7C2F8



F1C896



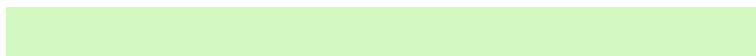
79DFDE

# Complementary

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



E7C2F8



D3F8C2

# 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.



91DFC0



E7C2F8



D4D296

# Square

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



E7C2F8



FFBFA6



B2DAA5



79DDF9

# Rectangle

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



E7C2F8



FFB9CA



B2DAA5



7FE0D4



# Sweetspot

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



E7C2F8



F9EDFF



C2D3F8



7C7580



000000



808080



# Same Dimension

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



E7C2F8



EABDFE



F8C2EE



79707D



8100BD



2A003D



# Inverse Universe

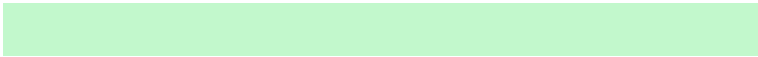
The Inverse Universe completely reimagines the original color for something new.



F8C2D3



FFBDD2



C2F8CC



7D7074



BD003B

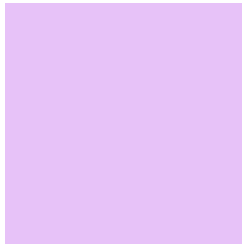


3D0013



# Previews

## White Background



This preview shows how the Hex color E7C2F8 looks on a white background.

## Color Contrast Check

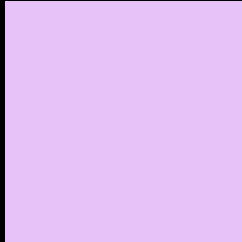
Large Text (above 18pt) WCAG AA × Fail

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 E7C2F8 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 E7C2F8 Background



This preview shows how black text looks on a background with the Hex color E7C2F8.

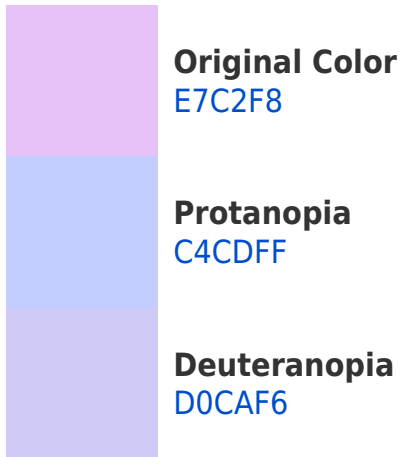


This preview shows how white text looks on a background with the Hex color E7C2F8.

# 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**  
E2C8D8

# Trichromacy



**Original Color**  
E7C2F8

**Protanomaly**  
D1C9FC

**Deuteranomaly**  
D8C7F7

**Tritanomaly**  
E4C6E4

# Monochromacy



**Original Color**  
E7C2F8

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
DACDE0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7C2F8 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 #E7C2F8 looks like.

```
.text, #text, p{  
    color:#E7C2F8  
}
```

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 #E7C2F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7C2F8
}
```

## Border

The CSS property to change the border of an element to Hex E7C2F8 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
#E7C2F8 }
```

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

```
.border{ border-color:#E7C2F8 }
```

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

Here you see how a box with a 4 pixel #E7C2F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7C2F8; -webkit-box-shadow:4px 4px  
4px 4px #E7C2F8; box-shadow:4px 4px 4px  
4px #E7C2F8 }
```

# Background

The CSS property to change the background color of an element to Hex E7C2F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7C2F8 }
```

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

```
.background{ background-color:#E7C2F8 }
```

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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