

Converting Colors

Hex(E7B0F7)

Have a look what the booklet for
Hex(E7B0F7) contains.

Hex(E7B0F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E7B0F7)

Conversions

Conversions Part 1

Format	Color
Hex	E7B0F7
RGB	231, 176, 247
RGB Percent	91%, 69%, 97%
CMY	0.0941, 0.3098, 0.0314
CMYK	0.06, 0.29, 0.00, 0.03
HSL	286°, 82%, 83%
HSV	286°, 29%, 97%
XYZ	65.2688, 54.7550, 95.1244
YIQ	200.5390, 9.9890, 33.7410

Conversions

Conversions Part 2

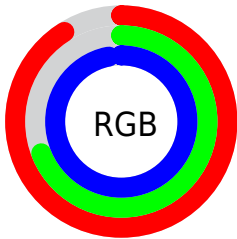
Format	Color
RYB	231, 176, 247
Decimal	15184119
CIELab	78.90, 32.07, -27.57
CIElCh	79, 42.295, 319.312
Yxy	54.7550, 0.3034, 0.2545
Android (android.graphics.Color)	4293374199 (0xFFE7B0F7)
YUV	200.5390, 22.9053, 26.7143
Hunter-Lab	73.9966, 27.9521, -24.4211

Details

The Hex color **E7B0F7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C0F7B0**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFE8FF**, and **AF7BBE** is the 20% darker color. If you saturate the color by 10%, you get **E197F7**, and if you desaturate by 10%, it is **EDC9F7**.

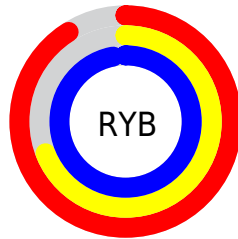
Distribution



Red (91%)

Green (69%)

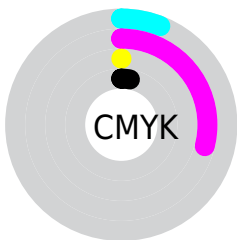
Blue (97%)



Red (91%)

Yellow (69%)

Blue (97%)

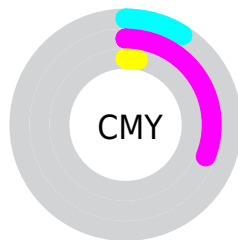


Cyan (6%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (9%)

Magenta (31%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color E7B0F7 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 E7B0F7 by changing the saturation by 10% instead.

 E7B0F7

FFFFFF

 FFE8FF

 E7B0F7

 CA95DA

 AF7BBE

 9361A3

 794989

 5F316F

 461A57

 2E023F

 1C0029

 000112

 E7B0F7

 E7B0F7

 E197F7

 EDC9F7

 DC7FF7

 F2E1F7

 D666F7

 F8FAF7

 D14DF7

 FDFFF7

 CB34F7

 FFFFF7

 C61CF7

 C003F7

 BF00F7

Harmonies

Analogous

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



B3BEFF



E7B0F7



FFA6D3

Triad

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



E7B0F7



EABC76



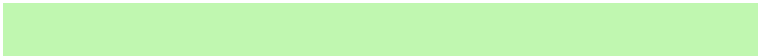
24D8DC

Complementary

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



E7B0F7



C0F7B0

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.



63D7B3



E7B0F7



C4C978

Square

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



E7B0F7



FFAF89



97D28F



24D4FE

Rectangle

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



E7B0F7



FFA5B8



97D28F



3BD8CF

Sweetspot

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



E7B0F7



FAE8FF



B0C1F7



7C7180



000000



808080

Same Dimension

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



E7B0F7



EBA8FF



F7B0E4



786E7A



9000BA



2D003B

Inverse Universe

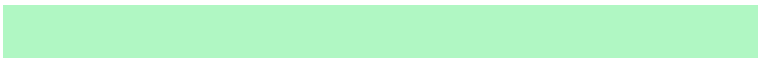
The Inverse Universe completely reimagines the original color for something new.



F7B0C0



FFA8BC



B0F7C3



7A6E71



BA002A



3B000D

Previews

White Background



This preview shows how the Hex color E7B0F7 looks on a white background.

Color Contrast Check

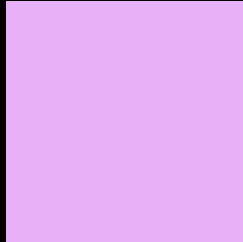
Large Text (above 18pt) WCAG AA × Fail

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 E7B0F7 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 E7B0F7 Background



This preview shows how black text looks on a background with the Hex color E7B0F7.



This preview shows how white text looks on a background with the Hex color E7B0F7.

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
E0B9C7

Trichromacy



Original Color
E7B0F7



Protanomaly
C6BBFC



Deuteranomaly
CDBAF5

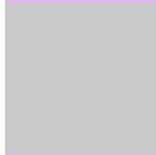


Tritanomaly
E3B6D8

Monochromacy



Original Color
E7B0F7



Achromatopsia
C9C9C9



Achromatomaly
D4C0DA

CSS Examples

Text

The CSS property to change the color of the text to Hex E7B0F7 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 #E7B0F7 looks like.

```
.text, #text, p{  
    color:#E7B0F7  
}
```

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 #E7B0F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7B0F7
}
```

Border

The CSS property to change the border of an element to Hex E7B0F7 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
#E7B0F7 }
```

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

```
.border{ border-color:#E7B0F7 }
```

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

Here you see how a box with a 4 pixel #E7B0F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7B0F7; -webkit-box-shadow:4px 4px  
4px 4px #E7B0F7; box-shadow:4px 4px 4px  
4px #E7B0F7 }
```

Background

The CSS property to change the background color of an element to Hex E7B0F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7B0F7 }
```

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

```
.background{ background-color:#E7B0F7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor