

# Converting Colors

Hex(E97CF7)

Have a look what the booklet for  
Hex(E97CF7) contains.

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# Color

Hex(E97CF7)

# Conversions

## Conversions Part 1

Format	Color
Hex	E97CF7
RGB	233, 124, 247
RGB Percent	91%, 49%, 97%
CMY	0.0863, 0.5137, 0.0314
CMYK	0.06, 0.50, 0.00, 0.03
HSL	293°, 88%, 73%
HSV	293°, 50%, 97%
XYZ	57.6004, 38.4543, 92.3822
YIQ	170.6130, 25.4810, 61.3610

# Conversions

## Conversions Part 2

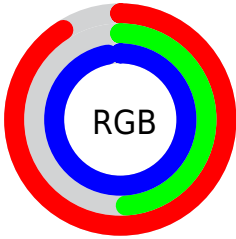
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 124, 247
Decimal	15301879
CIE Lab	68.35, 59.53, -43.90
CIE LCh	68, 73.964, 323.591
Yxy	38.4543, 0.3057, 0.2041
Android (android.graphics.Color)	4293491959 (0xFFE97CF7)
YUV	170.6130, 37.6588, 54.7134
Hunter-Lab	62.0116, 57.2823, -44.9197

# Details

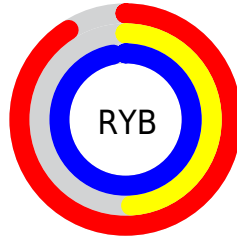
The Hex color **E97CF7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8AF77C**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFB4FF**, and **AF45BE** is the 20% darker color. If you saturate the color by 10%, you get **E663F7**, and if you desaturate by 10%, it is **EC95F7**.

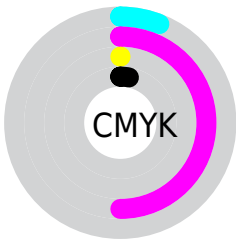
# Distribution



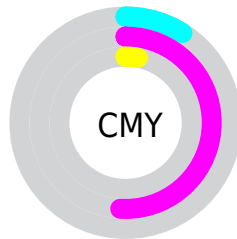
- Red (91%)
- Green (49%)
- Blue (97%)



- Red (91%)
- Yellow (49%)
- Blue (97%)



- Cyan (6%)
- Magenta (50%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (51%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E97CF7 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 E97CF7 by changing the saturation by 10% instead.



 E97CF7

FFFFFF

 FFB4FF

 FFD0FF

 FFE0FF

 E97CF7

 CC61DA

 AF45BE

 9328A3

 770088

 5C006E

 410055

 29003D

 000026

 00010F

 E97CF7

 E97CF7

 E663F7

 EC95F7

 E34BF7

 EFADF7

 E132F7

 F1C6F7

 DE19F7

 F4DFF7

 DB01F7

 F7F8F7

 DB00F7

 FAFFF7

 FDFFF7

 FFFF7

# Harmonies

## Analogous

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



899BFF



E97CF7



FF64B8

# Triad

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



E97CF7



D39F00



00C5DA

# Complementary

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



E97CF7



8AF77C

# 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.



00C596



E97CF7



94B30F

# Square

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



E97CF7



FF8339



31BF52



00C0FF

# Rectangle

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



E97CF7



FF638B



31BF52



00C6C4



# Sweetspot

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



E97CF7



FBD9FF



7C8AF7



7D6980



000000



808080



# Same Dimension

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



E97CF7



EE66FF



F77CC8



796E7A



A500BA



34003B



# Inverse Universe

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



F77C8A



FF6677



7CF7AB



7A6E70



BA0015



3B0007



# Previews

## White Background



This preview shows how the Hex color E97CF7 looks on a white background.

## Color Contrast Check

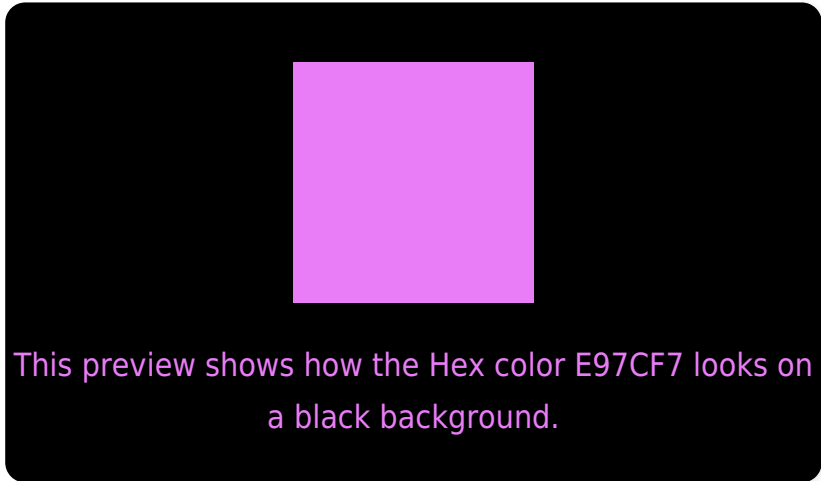
Large Text (above 18pt) WCAG AA × Fail

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

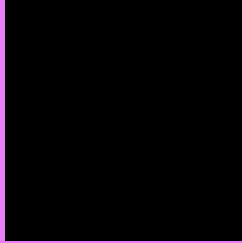
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E97CF7 Background



This preview shows how black text looks on a background with the Hex color E97CF7.

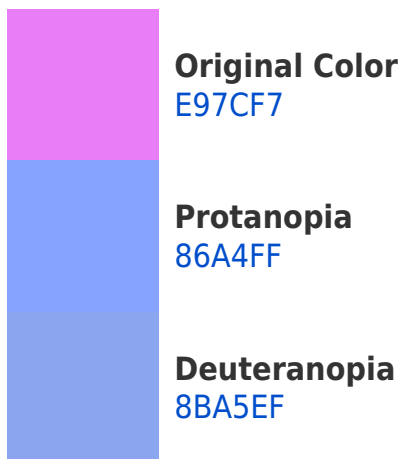



This preview shows how white text looks on a background with the Hex color E97CF7.

# 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](#).

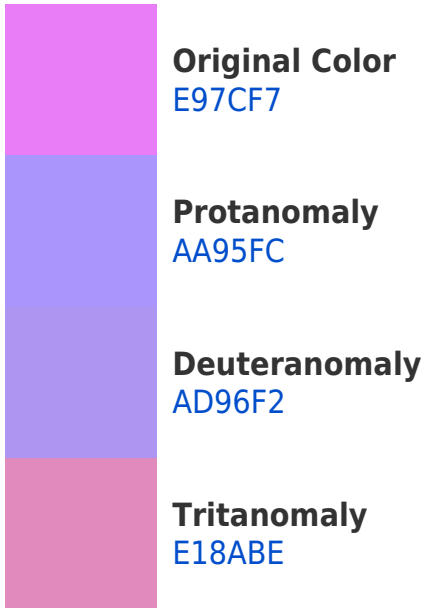
## Dichromacy



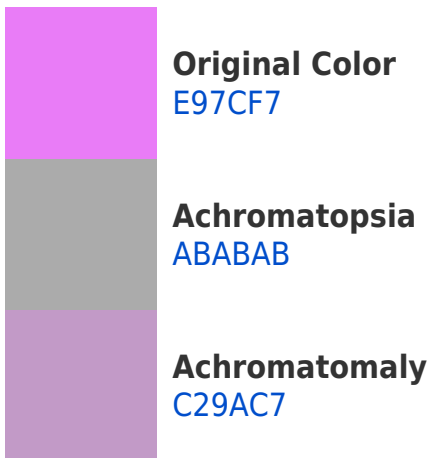


**Tritanopia**  
DD929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E97CF7 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 #E97CF7 looks like.

```
.text, #text, p{  
    color:#E97CF7  
}
```

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 #E97CF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E97CF7
}
```

## Border

The CSS property to change the border of an element to Hex E97CF7 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
#E97CF7 }
```

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

```
.border{ border-color:#E97CF7 }
```

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

Here you see how a box with a 4 pixel #E97CF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E97CF7; -webkit-box-shadow:4px 4px  
4px 4px #E97CF7; box-shadow:4px 4px 4px  
4px #E97CF7 }
```

# Background

The CSS property to change the background color of an element to Hex E97CF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E97CF7 }
```

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

```
.background{ background-color:#E97CF7 }
```

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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