

# Converting Colors

Hex(ED7AEA)

Have a look what the booklet for  
Hex(ED7AEA) contains.

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# Color

Hex(ED7AEA)

# Conversions

## Conversions Part 1

Format	Color
Hex	ED7AEA
RGB	237, 122, 234
RGB Percent	93%, 48%, 92%
CMY	0.0706, 0.5216, 0.0824
CMYK	0.00, 0.49, 0.01, 0.07
HSL	302°, 76%, 70%
HSV	302°, 49%, 93%
XYZ	56.7359, 37.8641, 82.1601
YIQ	169.1530, 32.5880, 59.2120

# Conversions

## Conversions Part 2

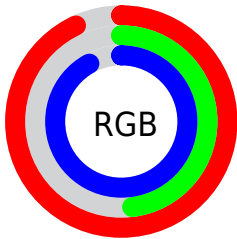
Format	Color
R <sub>Y</sub> B	237, 122, 234
Decimal	15563498
CIE Lab	67.92, 59.27, -37.39
CIE LCh	68, 70.077, 327.754
Yxy	37.8641, 0.3210, 0.2142
Android (android.graphics.Color)	4293753578 (0xFFED7AEA)
YUV	169.1530, 31.9696, 59.5018
Hunter-Lab	61.5338, 56.8977, -36.0905

# Details

The Hex color **ED7AEA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7AED7D**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFB2FF**, and **B343B2** is the 20% darker color. If you saturate the color by 10%, you get **ED62E9**, and if you desaturate by 10%, it is **ED92EB**.

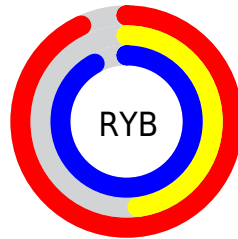
# Distribution



Red (93%)

Green (48%)

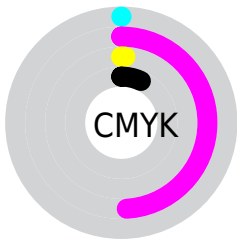
Blue (92%)



Red (93%)

Yellow (48%)

Blue (92%)

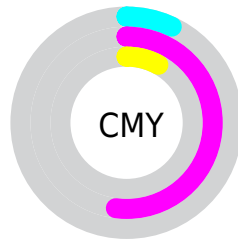


Cyan (0%)

Magenta (49%)

Yellow (1%)

Black (7%)



Cyan (7%)

Magenta (52%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED7AEA 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 ED7AEA by changing the saturation by 10% instead.



 ED7AEA

 ED7AEA

FFFFFF

 D05ECE

 FFB2FF

 B343B2

 FFCFFF

 962597

 FFECFF

 7B007D

 5F0063

 45004B

 2D0034

 00001D

 000000

 ED7AEA

 ED7AEA

 ED62E9

 ED92EB

 ED4BE9

 EDA9EB

 ED33E8

 EDC1EC

 ED1BE8

 EDD9EC

 ED03E7

 EDF0ED

 ED00E7

 EDFFEE

 EDFFEF

 EDFFF0

# Harmonies

## Analogous

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



9B97FF



ED7AEA



FF67AD

# Triad

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



ED7AEA



C9A10A



00C3DF

# Complementary

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



ED7AEA



7AED7D

# 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.



00C39F



ED7AEA



8BB326

# Square

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



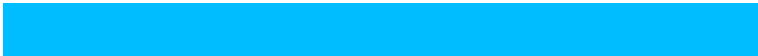
ED7AEA



F88838



22BE5E



00BDFE

# Rectangle

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



ED7AEA



FF6983



22BE5E



00C3CA



# Sweetspot

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



ED7AEA



FFD9FE



7C7AED



80697F



000000



808080



# Same Dimension

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



ED7AEA



FF6BFB



ED7AB2



756A75



B500B0



360034



# Inverse Universe

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



ED7AEA



FF6BFB



7AEDB5



756A75



B500B0



360034



# Previews

## White Background



This preview shows how the Hex color ED7AEA looks on a white background.

## Color Contrast Check

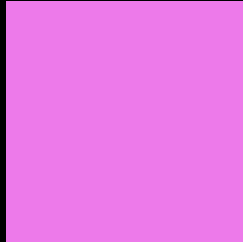
Large Text (above 18pt) WCAG AA × Fail

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 ED7AEA 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 ED7AEA Background



This preview shows how black text looks on a background with the Hex color ED7AEA.

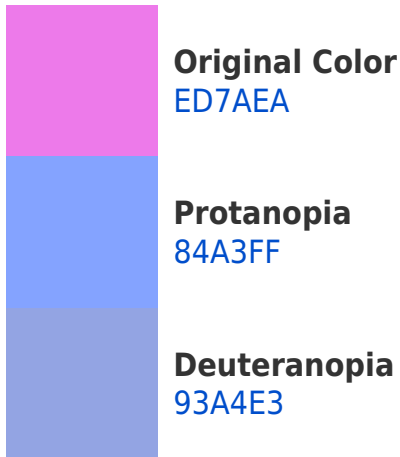


This preview shows how white text looks on a background with the Hex color ED7AEA.

# 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**  
E38D98

# Trichromacy



**Original Color**  
ED7AEA



**Protanomaly**  
AA94F7



**Deuteranomaly**  
B495E6



**Tritanomaly**  
E786B6

# Monochromacy



**Original Color**  
ED7AEA



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
C298C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED7AEA 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 #ED7AEA looks like.

```
.text, #text, p{  
    color:#ED7AEA  
}
```

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 #ED7AEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED7AEA
}
```

## Border

The CSS property to change the border of an element to Hex ED7AEA 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
#ED7AEA }
```

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

```
.border{ border-color:#ED7AEA }
```

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

Here you see how a box with a 4 pixel #ED7AEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED7AEA; -webkit-box-shadow:4px 4px  
4px 4px #ED7AEA; box-shadow:4px 4px 4px  
4px #ED7AEA }
```

# Background

The CSS property to change the background color of an element to Hex ED7AEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED7AEA }
```

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

```
.background{ background-color:#ED7AEA }
```

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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