

# Converting Colors

Hex(ED7AED)

Have a look what the booklet for  
Hex(ED7AED) contains.

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# Color

Hex(ED7AED)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED7AED
RGB	237, 122, 237
RGB Percent	93%, 48%, 93%
CMY	0.0706, 0.5216, 0.0706
CMYK	0.00, 0.49, 0.00, 0.07
HSL	300°, 76%, 70%
HSV	300°, 49%, 93%
XYZ	57.1706, 38.0380, 84.4496
YIQ	169.4950, 31.6250, 60.1450

# Conversions

## Conversions Part 2

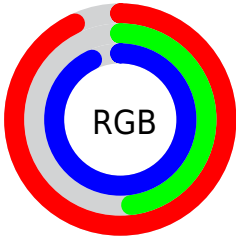
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 122, 237
Decimal	15563501
CIE Lab	68.05, 59.79, -38.84
CIE LCh	68, 71.299, 326.988
Yxy	38.0380, 0.3182, 0.2117
Android (android.graphics.Color)	4293753581 (0xFFED7AED)
YUV	169.4950, 33.2800, 59.2019
Hunter-Lab	61.6750, 57.5324, -38.0115

# Details

The Hex color **ED7AED** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7AED7A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFB2FF**, and **B343B5** is the 20% darker color. If you saturate the color by 10%, you get **ED62ED**, and if you desaturate by 10%, it is **ED92ED**.

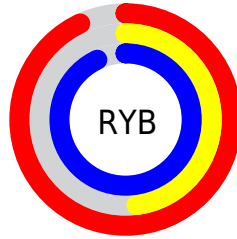
# Distribution



Red (93%)

Green (48%)

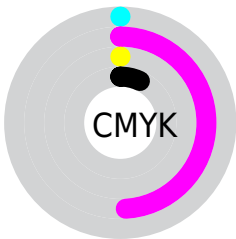
Blue (93%)



Red (93%)

Yellow (48%)

Blue (93%)

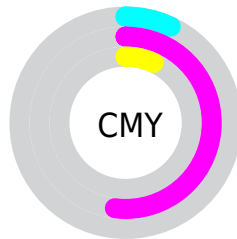


Cyan (0%)

Magenta (49%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (52%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED7AED 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 ED7AED by changing the saturation by 10% instead.



 ED7AED

FFFFFF

 FFB2FF

 FFCFFF

 FFECFF

 ED7AED

 D05ED1

 B343B5

 96249A

 7B007F

 5F0066

 45004D

 2D0036

 00001F

 000002

 ED7AED

 ED7AED

 ED62ED

 ED92ED

 ED4BED

 EDA9ED

 ED33ED

 EDC1ED

 ED1BED

 EDD9ED

 ED03ED

 EDF0ED

 ED00ED

 EDFFED

# Harmonies

## Analogous

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



9898FF



ED7AED



FF66AF

# Triad

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



ED7AED



CBA103



00C3DF

# Complementary

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



ED7AED



7AED7A

# 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.



00C39D



ED7AED



8CB321

# Square

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



ED7AED



FB8737



22BE5B



00BEFF

# Rectangle

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



ED7AED



FF6784



22BE5B



00C4CA



# Sweetspot

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



ED7AED



FFD9FF



7A7AED



806980



000000



808080



# Same Dimension

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



ED7AED



FF6BFF



ED7AB3



756A75



B500B5



360036



# Inverse Universe

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



ED7AED



FF6BFF



7AEDB3



756A75



B500B5



360036



# Previews

## White Background



This preview shows how the Hex color ED7AED looks on a white background.

## Color Contrast Check

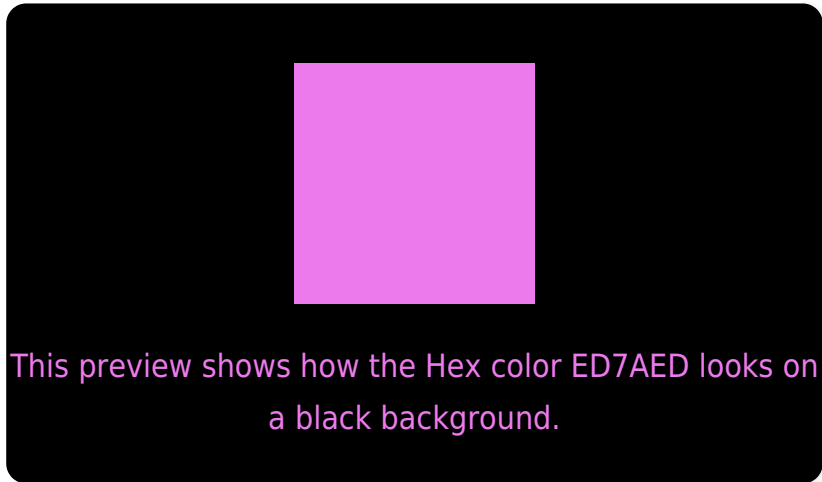
Large Text (above 18pt) WCAG AA × Fail

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 ED7AED Background



This preview shows how black text looks on a background with the Hex color ED7AED.

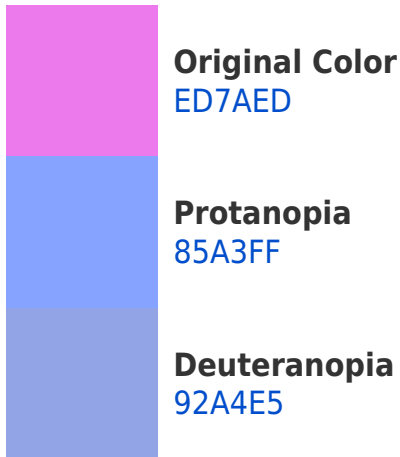


This preview shows how white text looks on a background with the Hex color ED7AED.

# 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**  
E38E99

# Trichromacy



**Original Color**  
ED7AED



**Protanomaly**  
AB94F8



**Deuteranomaly**  
B395E8



**Tritanomaly**  
E787B8

# Monochromacy



**Original Color**  
ED7AED



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
C298C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED7AED 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 #ED7AED looks like.

```
.text, #text, p{  
    color:#ED7AED  
}
```

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 #ED7AED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED7AED
}
```

## Border

The CSS property to change the border of an element to Hex ED7AED 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
#ED7AED }
```

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

```
.border{ border-color:#ED7AED }
```

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

Here you see how a box with a 4 pixel #ED7AED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED7AED; -webkit-box-shadow:4px 4px  
4px 4px #ED7AED; box-shadow:4px 4px 4px  
4px #ED7AED }
```

# Background

The CSS property to change the background color of an element to Hex ED7AED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED7AED }
```

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

```
.background{ background-color:#ED7AED }
```

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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