

# Converting Colors

Hex(E278ED)

Have a look what the booklet for  
Hex(E278ED) contains.

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# Color

**Hex(E278ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E278ED
RGB	226, 120, 237
RGB Percent	89%, 47%, 93%
CMY	0.1137, 0.5294, 0.0706
CMYK	0.05, 0.49, 0.00, 0.07
HSL	294°, 76%, 70%
HSV	294°, 49%, 93%
XYZ	53.3666, 35.7161, 84.2019
YIQ	165.0320, 25.6190, 58.8590

# Conversions

## Conversions Part 2

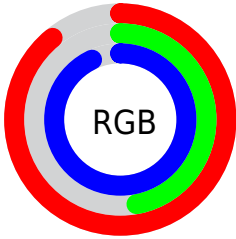
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 120, 237
Decimal	14842093
CIE Lab	66.30, 57.74, -41.68
CIE LCh	66, 71.208, 324.178
Yxy	35.7161, 0.3080, 0.2061
Android (android.graphics.Color)	4293032173 (0xFFE278ED)
YUV	165.0320, 35.4802, 53.4689
Hunter-Lab	59.7630, 54.8101, -41.7015

# Details

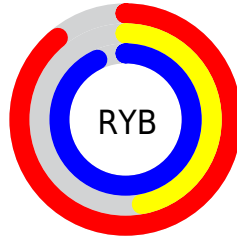
The Hex color **E278ED** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **83ED78**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB0FF**, and **A841B5** is the 20% darker color. If you saturate the color by 10%, you get **E060ED**, and if you desaturate by 10%, it is **E490ED**.

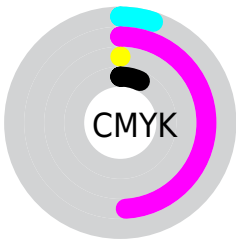
# Distribution



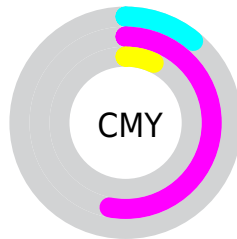
- Red (89%)
- Green (47%)
- Blue (93%)



- Red (89%)
- Yellow (47%)
- Blue (93%)



- Cyan (5%)
- Magenta (49%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (53%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E278ED 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 E278ED by changing the saturation by 10% instead.



 E278ED

 E278ED

FFFFFF

 C55DD0

 FFB0FF

 A841B5

 FFCCFF

 8C2499

 FFE9FF

 71007F

 560066

 3B004D

 230036

 00021F

 000002

 E278ED

 E278ED

 E060ED

 E490ED

 DE49ED

 E6A7ED

 DB31ED

 E9BFED

 D919ED

 EBD7ED

 D702ED

 EDEEED

 D700ED

 EFFFED

 F2FFED

 F4FFED

 F6FFED

# Harmonies

## Analogous

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



8896FF



E278ED



FF61B0

# Triad

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



E278ED



CB9A00



00BFD4

# Complementary

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



E278ED



83ED78

# 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.



00BE92



E278ED



8EAD15

# Square

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



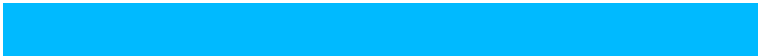
E278ED



F98038



2FB951



00BAFF

# Rectangle

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



E278ED



FF6186



2FB951



00BFBF



# Sweetspot

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



E278ED



FBD9FF



7884ED



7D6980



000000



808080



# Same Dimension

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



E278ED



F169FF



ED78BE



746A75



A400B5



310036



# Inverse Universe

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



ED7883



FF6977



78EDA7



756A6B



B50011



360005



# Previews

## White Background



This preview shows how the Hex color E278ED 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 E278ED Background



This preview shows how black text looks on a background with the Hex color E278ED.

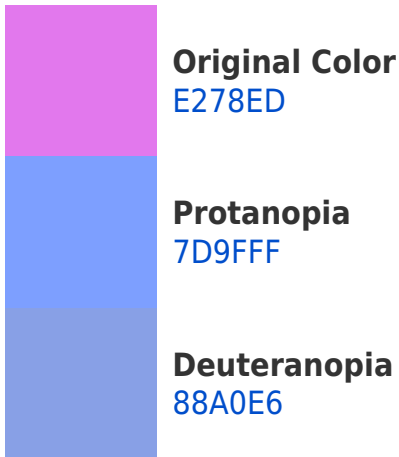


This preview shows how white text looks on a background with the Hex color E278ED.

# 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](#).

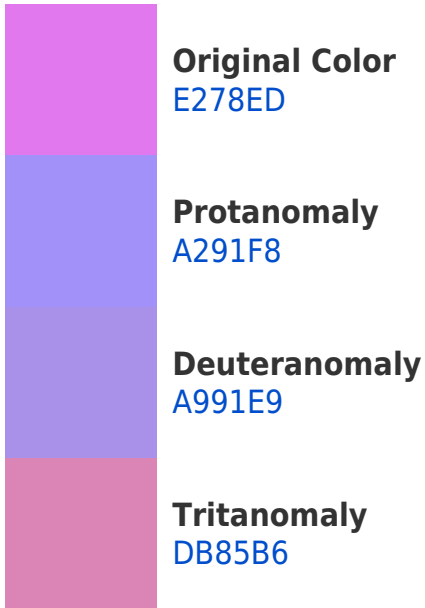
## Dichromacy



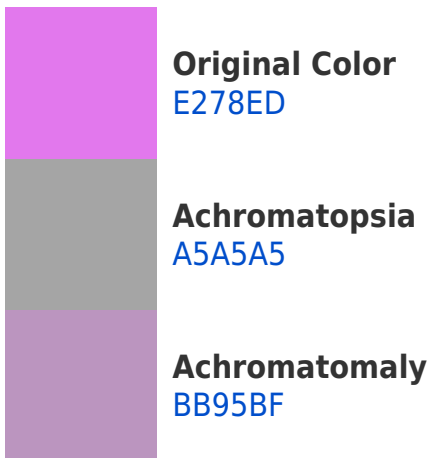


**Tritanopia**  
D78D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E278ED 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 #E278ED looks like.

```
.text, #text, p{  
    color:#E278ED  
}
```

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 #E278ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E278ED
}
```

## Border

The CSS property to change the border of an element to Hex E278ED 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
#E278ED }
```

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

```
.border{ border-color:#E278ED }
```

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

Here you see how a box with a 4 pixel #E278ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E278ED; -webkit-box-shadow:4px 4px  
4px 4px #E278ED; box-shadow:4px 4px 4px  
4px #E278ED }
```

# Background

The CSS property to change the background color of an element to Hex E278ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E278ED }
```

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

```
.background{ background-color:#E278ED }
```

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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