

# Converting Colors

Hex(ED78EB)

Have a look what the booklet for  
Hex(ED78EB) contains.

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# Color

Hex(ED78EB)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | ED78EB                     |
| RGB         | 237, 120, 235              |
| RGB Percent | 93%, 47%, 92%              |
| CMY         | 0.0706, 0.5294, 0.0784     |
| CMYK        | 0.00, 0.49, 0.01, 0.07     |
| HSL         | 301°, 76%, 70%             |
| HSV         | 301°, 49%, 93%             |
| XYZ         | 56.6369, 37.4356, 82.8380  |
| YIQ         | 168.0930, 32.8170, 60.5690 |

# Conversions

## Conversions Part 2

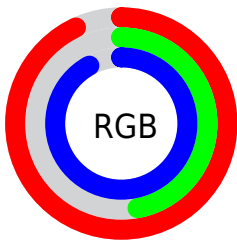
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 237, 120, 235                 |
| Decimal                             | 15562987                      |
| CIE Lab                             | 67.60, 60.39, -38.44          |
| CIE LCh                             | 68, 71.588, 327.525           |
| Yxy                                 | 37.4356, 0.3201,<br>0.2116    |
| Android<br>(android.graphics.Color) | 4293753067<br>(0xFFED78EB)    |
| YUV                                 | 168.0930, 32.9852,<br>60.4314 |
| Hunter-Lab                          | 61.1847, 58.1593,<br>-37.4435 |

# Details

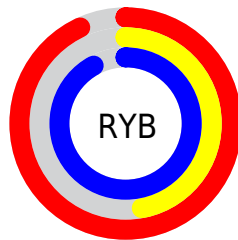
The Hex color **ED78EB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **78ED7A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB0FF**, and **B340B3** is the 20% darker color. If you saturate the color by 10%, you get **ED60EB**, and if you desaturate by 10%, it is **ED90EB**.

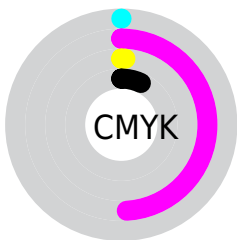
# Distribution



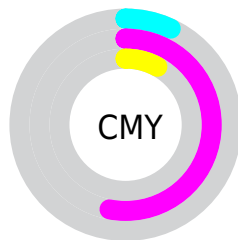
- Red (93%)
- Green (47%)
- Blue (92%)



- Red (93%)
- Yellow (47%)
- Blue (92%)



- Cyan (0%)
- Magenta (49%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (53%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED78EB 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 ED78EB by changing the saturation by 10% instead.



 ED78EB

 ED78EB

FFFFFF

 D05CCF

 FFB0FF

 B340B3

 FFCDFE

 962198

 FFEAFF

 7A007D

 5F0064

 44004C

 2C0034

 00001E

 000000

 ED78EB

 ED78EB

 ED60EB

 ED90EB

 ED49EA

 EDA7EC

 ED31EA

 EDBFEC

 ED19E9

 EDD7ED

 ED02E9

 EDEEED

 ED00E9

 EDFFED

 EDFFEE

 EDFFEF

# Harmonies

## Analogous

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



9996FF



ED78EB



FF64AD

# Triad

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



ED78EB



C9A000



00C2DF

# Complementary

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



ED78EB



78ED7A

# 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.



00C29D



ED78EB



8AB21F

# Square

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



ED78EB



F98635



19BD5B



00BCFF

# Rectangle

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



ED78EB



FF6682



19BD5B



00C3CA



# Sweetspot

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



ED78EB



FFD9FE



7A78ED



80697F



000000



808080



# Same Dimension

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



ED78EB



FF69FC



ED78B1



756A75



B500B2



360035



# Inverse Universe

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



ED78EB



FF69FC



78EDB4



756A75



B500B2

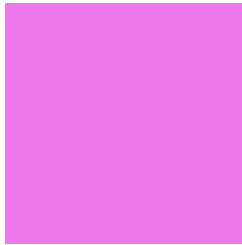


360035



# Previews

## White Background



This preview shows how the Hex color ED78EB 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

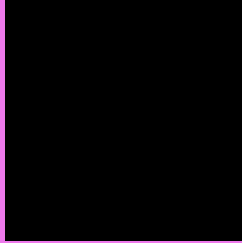
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ED78EB Background



This preview shows how black text looks on a background with the Hex color ED78EB.

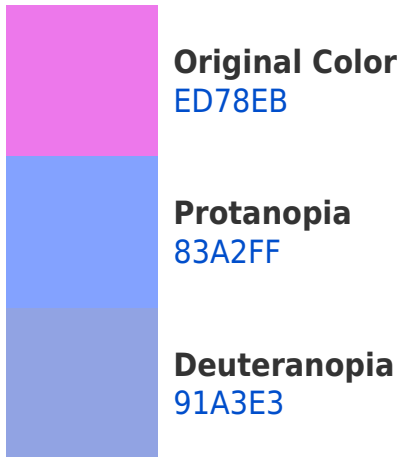


This preview shows how white text looks on a background with the Hex color ED78EB.

# 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**  
E38C97

# Trichromacy



**Original Color**  
ED78EB



**Protanomaly**  
AA93F8



**Deuteranomaly**  
B293E6



**Tritanomaly**  
E785B6

# Monochromacy



**Original Color**  
ED78EB



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
C197C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED78EB 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 #ED78EB looks like.

```
.text, #text, p{  
    color:#ED78EB  
}
```

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 #ED78EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED78EB
}
```

## Border

The CSS property to change the border of an element to Hex ED78EB 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
#ED78EB }
```

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

```
.border{ border-color:#ED78EB }
```

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

Here you see how a box with a 4 pixel #ED78EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED78EB; -webkit-box-shadow:4px 4px  
4px 4px #ED78EB; box-shadow:4px 4px 4px  
4px #ED78EB }
```

# Background

The CSS property to change the background color of an element to Hex ED78EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED78EB }
```

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

```
.background{ background-color:#ED78EB }
```

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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