

# Converting Colors

Hex(ED71E9)

Have a look what the booklet for  
Hex(ED71E9) contains.

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# Color

**Hex(ED71E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED71E9
RGB	237, 113, 233
RGB Percent	93%, 44%, 91%
CMY	0.0706, 0.5569, 0.0863
CMYK	0.00, 0.52, 0.02, 0.07
HSL	302°, 78%, 69%
HSV	302°, 52%, 93%
XYZ	55.5382, 35.6980, 81.0540
YIQ	163.7560, 35.3840, 63.6080

# Conversions

## Conversions Part 2

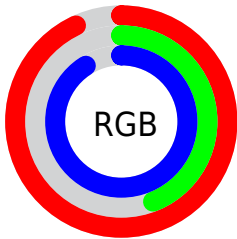
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 113, 233
Decimal	15561193
CIE <sub>Lab</sub>	66.29, 63.32, -39.38
CIE <sub>LCh</sub>	66, 74.568, 328.119
Yxy	35.6980, 0.3224, 0.2072
Android (android.graphics.Color)	4293751273 (0xFFED71E9)
YUV	163.7560, 34.1373, 64.2350
Hunter-Lab	59.7478, 61.3649, -38.6095

# Details

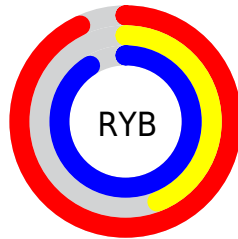
The Hex color **ED71E9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **71ED75**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFA9FF**, and **B238B1** is the 20% darker color. If you saturate the color by 10%, you get **ED59E8**, and if you desaturate by 10%, it is **ED89EA**.

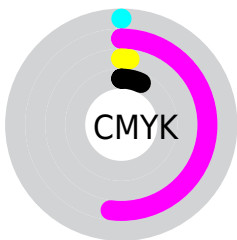
# Distribution



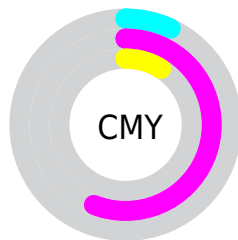
- Red (93%)
- Green (44%)
- Blue (91%)



- Red (93%)
- Yellow (44%)
- Blue (91%)



- Cyan (0%)
- Magenta (52%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (56%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED71E9 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 ED71E9 by changing the saturation by 10% instead.



 ED71E9

 ED71E9

FFFFFF

 CF55CD

 FFA9FF

 B238B1

 FFC6FF

 961496

 FFE3FF

 7A007C

 5E0062

 44004A

 2B0033

 00001C

 000000

 ED71E9

 ED71E9

 ED59E8

 ED89EA

 ED42E7

 EDA0EB

 ED2AE7

 EDB8EB

 ED12E6

 EDD0EC

 ED00E5

 EDE7ED

 EDFFEE

 EDFFEF

 EDFFF0

# Harmonies

## Analogous

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



9691FF



ED71E9



FF5BA8

# Triad

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



ED71E9



C49D00



00BFD9

# Complementary

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



ED71E9



71ED75

# 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.



00BF9B



ED71E9



83B00E

# Square

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



ED71E9



F7822A



00BA56



00B9FF

# Rectangle

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



ED71E9



FF5E7C



00BA56



00C0C9



# Sweetspot

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



ED71E9



FFD6FE



7371ED



80677F



000000



808080



# Same Dimension

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



ED71E9



FF5EFA



ED71AD



756A75



B500AF



360034



# Inverse Universe

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



ED71E9



FF5EFA



71EDB1



756A75



B500AF



360034



# Previews

## White Background



This preview shows how the Hex color ED71E9 looks on a white background.

## Color Contrast Check

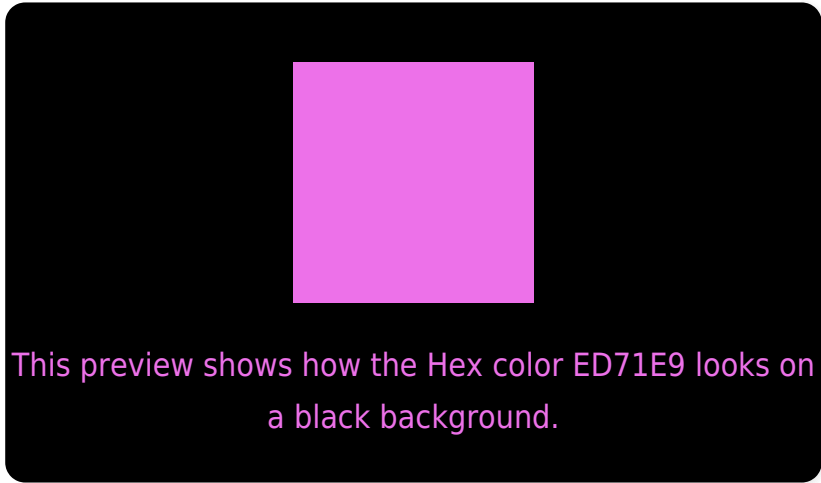
Large Text (above 18pt) WCAG AA × Fail

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 ED71E9 Background



This preview shows how black text looks on a background with the Hex color ED71E9.

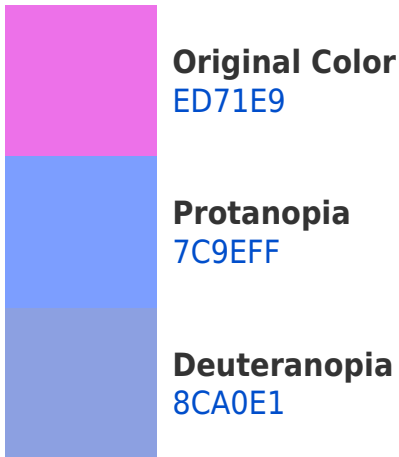


This preview shows how white text looks on a background with the Hex color ED71E9.

# 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**  
E28791

# Trichromacy



**Original Color**  
ED71E9



**Protanomaly**  
A58EF7



**Deuteranomaly**  
AF8FE4



**Tritanomaly**  
E67FB1

# Monochromacy



**Original Color**  
ED71E9



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
BF91BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED71E9 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 #ED71E9 looks like.

```
.text, #text, p{  
    color:#ED71E9  
}
```

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 #ED71E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED71E9
}
```

## Border

The CSS property to change the border of an element to Hex ED71E9 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
#ED71E9 }
```

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

```
.border{ border-color:#ED71E9 }
```

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

Here you see how a box with a 4 pixel #ED71E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED71E9; -webkit-box-shadow:4px 4px  
4px 4px #ED71E9; box-shadow:4px 4px 4px  
4px #ED71E9 }
```

# Background

The CSS property to change the background color of an element to Hex ED71E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED71E9 }
```

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

```
.background{ background-color:#ED71E9 }
```

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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