

# Converting Colors

Hex(ED429D)

Have a look what the booklet for  
Hex(ED429D) contains.

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# Color

Hex(ED429D)

# Conversions

## Conversions Part 1

Format	Color
Hex	ED429D
RGB	237, 66, 157
RGB Percent	93%, 26%, 62%
CMY	0.0706, 0.7412, 0.3843
CMYK	0.00, 0.72, 0.34, 0.07
HSL	328°, 83%, 59%
HSV	328°, 72%, 93%
XYZ	42.9591, 24.3353, 34.3313
YIQ	127.5030, 72.7050, 64.5530

# Conversions

## Conversions Part 2

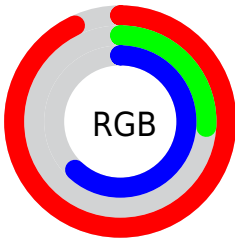
Format	Color
R <sub>YB</sub>	237, 66, 157
Decimal	15549085
CIE Lab	56.42, 71.55, -11.26
CIE LCh	56, 72.432, 351.057
Yxy	24.3353, 0.4227, 0.2395
Android (android.graphics.Color)	4293739165 (0xFFED429D)
YUV	127.5030, 14.5420, 96.0289
Hunter-Lab	49.3308, 69.1155, -6.7307

# Details

The Hex color **ED429D** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **42ED92**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF7FD4**, and **B0006A** is the 20% darker color. If you saturate the color by 10%, you get **ED2A92**, and if you desaturate by 10%, it is **ED5AA8**.

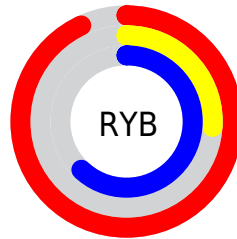
# Distribution



Red (93%)

Green (26%)

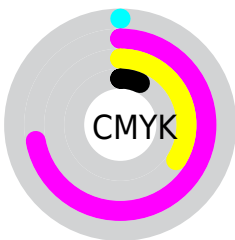
Blue (62%)



Red (93%)

Yellow (26%)

Blue (62%)

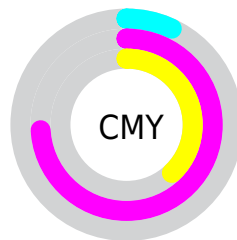


Cyan (0%)

Magenta (72%)

Yellow (34%)

Black (7%)



Cyan (7%)

Magenta (74%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED429D 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 ED429D by changing the saturation by 10% instead.



 ED429D

 ED429D

FFFFFF

 CE1B83

 FF7FD4

 B0006A

 FF9CF0

 930052

 FFBAFF

 75003B

 FFD7FF

 580025

 FFF5FF

 3D000F

 1A0001

 000000

 ED429D

 ED429D

 ED2A92

 ED5AA8

 ED1387

 ED71B3

 ED007E

 ED89BE

 EDA1C9

 EDB8D4

 EDD0E0

 EDE8EB

 EDFFF6

 EDFFFF

# Harmonies

## Analogous

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



BF60D8



ED429D



F5445E

# Triad

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



ED429D



799100



00A0E9

# Complementary

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



ED429D



42ED92

# 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.



00A3B3



ED429D



0F9D30

# Square

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



ED429D



B37E00



00A272



0095FF

# Rectangle

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



ED429D



E85737



00A272



00A2D9



# Sweetspot

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



ED429D



FFC7E5



9242ED



805E70



000000



808080



# Same Dimension

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



ED429D



FF2197



ED4248



756A70



B50060



36001C



# Inverse Universe

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



ED429D



FF2197



42EDE7



756A70



B50060



36001C



# Previews

## White Background



This preview shows how the Hex color ED429D looks on a white background.

## Color Contrast Check

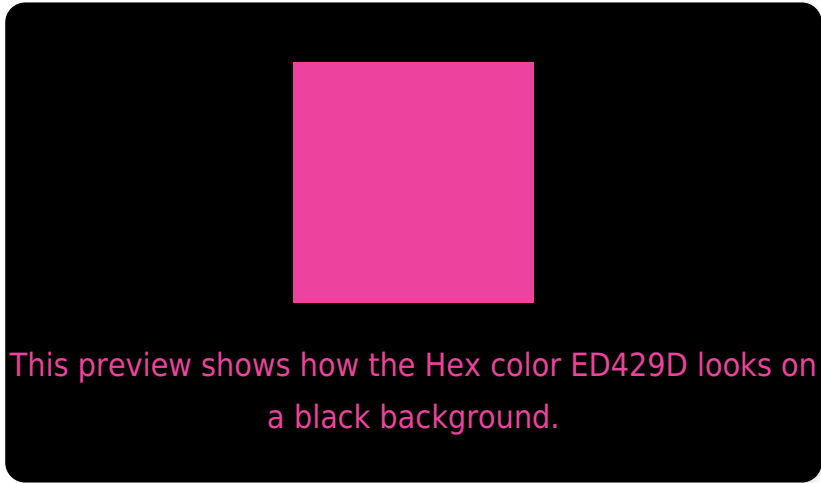
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex ED429D Background



This preview shows how black text looks on a background with the Hex color ED429D.



This preview shows how white text looks on a background with the Hex color ED429D.

# 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**  
E85459

# Trichromacy



**Original Color**  
ED429D



**Protanomaly**  
9D6DBA



**Deuteranomaly**  
B16C97

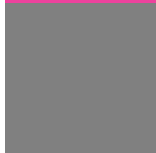


**Tritanomaly**  
EA4D72

# Monochromacy



**Original Color**  
ED429D



**Achromatopsia**  
808080



**Achromatomaly**  
A8698B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED429D 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 #ED429D looks like.

```
.text, #text, p{  
    color:#ED429D  
}
```

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 #ED429D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED429D
}
```

## Border

The CSS property to change the border of an element to Hex ED429D 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
#ED429D }
```

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

```
.border{ border-color:#ED429D }
```

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

Here you see how a box with a 4 pixel #ED429D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED429D; -webkit-box-shadow:4px 4px  
4px 4px #ED429D; box-shadow:4px 4px 4px  
4px #ED429D }
```

# Background

The CSS property to change the background color of an element to Hex ED429D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED429D }
```

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

```
.background{ background-color:#ED429D }
```

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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