

# Converting Colors

Hex(ED3591)

Have a look what the booklet for  
Hex(ED3591) contains.

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**Color**

**Hex(ED3591)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED3591
RGB	237, 53, 145
RGB Percent	93%, 21%, 57%
CMY	0.0706, 0.7922, 0.4314
CMYK	0.00, 0.78, 0.39, 0.07
HSL	330°, 84%, 57%
HSV	330°, 78%, 93%
XYZ	41.3090, 22.5951, 28.9721
YIQ	118.5040, 80.1320, 67.6200

# Conversions

## Conversions Part 2

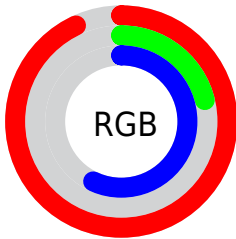
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 53, 145
Decimal	15545745
CIE Lab	54.65, 74.20, -6.82
CIE LCh	55, 74.513, 354.746
Yxy	22.5951, 0.4448, 0.2433
Android (android.graphics.Color)	4293735825 (0xFFED3591)
YUV	118.5040, 13.0625, 103.9210
Hunter-Lab	47.5343, 71.9380, -2.8633

# Details

The Hex color **ED3591** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **35ED91**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF75C7**, and **B0005F** is the 20% darker color. If you saturate the color by 10%, you get **ED1D85**, and if you desaturate by 10%, it is **ED4D9D**.

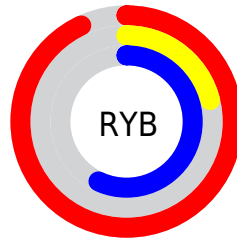
# Distribution



Red (93%)

Green (21%)

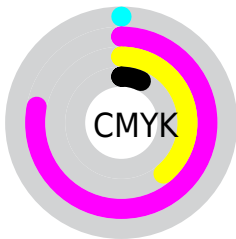
Blue (57%)



Red (93%)

Yellow (21%)

Blue (57%)

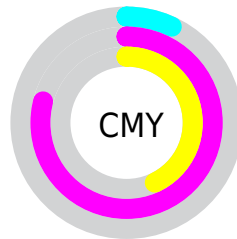


Cyan (0%)

Magenta (78%)

Yellow (39%)

Black (7%)



Cyan (7%)

Magenta (79%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED3591 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 ED3591 by changing the saturation by 10% instead.



 ED3591

 ED3591

FFFFFF

 CE0077

 FF75C7

 B0005F

 FF93E3

 920047

 FFB1FF

 740031

 FFCFFF

 56001C

 FFEDFF

 3A0002

 130000

 000000

 ED3591

 ED3591

 ED1D85

 ED4D9D

 ED0679

 ED64A9

 ED0076

 ED7CB5

 ED94C0

 EDABCC

 EDC3D8

 EDDBE4

 EDF3F0

 EDFFFC

# Harmonies

## Analogous

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



C454CE



ED3591



F03E51

# Triad

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



ED3591



6A8F00



009BEC

# Complementary

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



ED3591



35ED91

# 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.



009FB7



ED3591



009931

# Square

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



ED3591



A87C00



009E75



008EFF

# Rectangle

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



ED3591



E15428



009E75



009DDD



# Sweetspot

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



ED3591



FFC4E2



9135ED



805C6E



000000



808080



# Same Dimension

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



ED3591



FF1288



ED3535



756A6F



B5005B



36001B



# Inverse Universe

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



ED3591



FF1288



35EDED



756A6F



B5005B



36001B



# Previews

## White Background



This preview shows how the Hex color ED3591 looks on a white background.

## Color Contrast Check

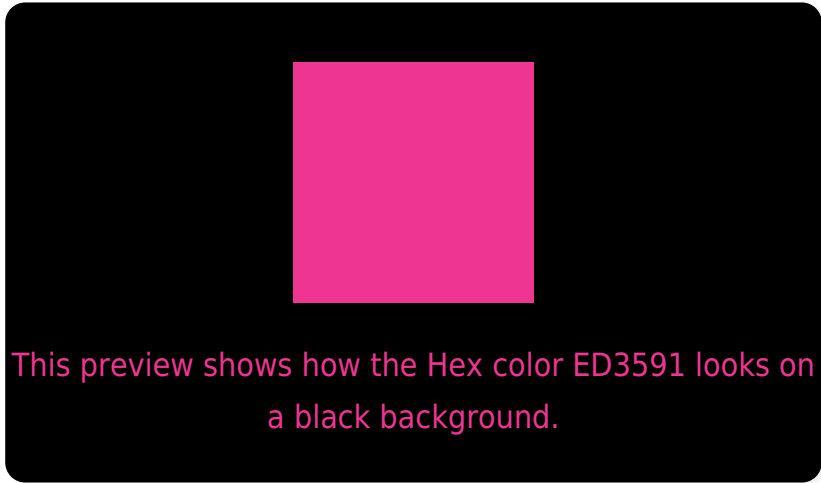
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED3591 Background



This preview shows how black text looks on a background with the Hex color ED3591.

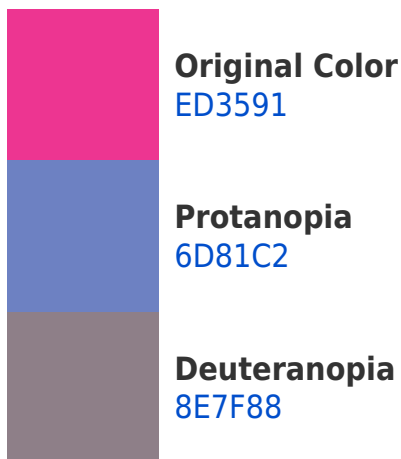



This preview shows how white text looks on a background with the Hex color ED3591.

# 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**  
E9494D

# Trichromacy



**Original Color**  
ED3591



**Protanomaly**  
9C65B0



**Deuteranomaly**  
B1648B

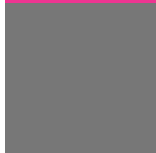


**Tritanomaly**  
EA4266

# Monochromacy



**Original Color**  
ED3591



**Achromatopsia**  
777777



**Achromatomaly**  
A25F80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED3591 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 #ED3591 looks like.

```
.text, #text, p{  
    color:#ED3591  
}
```

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 #ED3591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED3591
}
```

## Border

The CSS property to change the border of an element to Hex ED3591 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
#ED3591 }
```

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

```
.border{ border-color:#ED3591 }
```

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

Here you see how a box with a 4 pixel #ED3591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED3591; -webkit-box-shadow:4px 4px  
4px 4px #ED3591; box-shadow:4px 4px 4px  
4px #ED3591 }
```

# Background

The CSS property to change the background color of an element to Hex ED3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED3591 }
```

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

```
.background{ background-color:#ED3591 }
```

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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