

# Converting Colors

Hex(ED3E93)

Have a look what the booklet for  
Hex(ED3E93) contains.

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# Color

**Hex(ED3E93)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | ED3E93                     |
| RGB           | 237, 62, 147               |
| RGB Percent   | 93%, 24%, 58%              |
| CMY           | 0.0706, 0.7569, 0.4235     |
| CMYK          | 0.00, 0.74, 0.38, 0.07     |
| HSL           | 331°, 83%, 59%             |
| HSV           | 331°, 74%, 93%             |
| XYZ           | 41.9141, 23.5564, 29.9415  |
| YIQ           | 124.0150, 77.0150, 63.5350 |

# Conversions

## Conversions Part 2

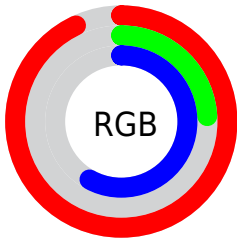
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 237, 62, 147                  |
| Decimal                             | 15548051                      |
| CIE Lab                             | 55.64, 71.78, -6.54           |
| CIE LCh                             | 56, 72.079, 354.795           |
| Yxy                                 | 23.5564, 0.4393,<br>0.2469    |
| Android<br>(android.graphics.Color) | 4293738131<br>(0xFFED3E93)    |
| YUV                                 | 124.0150, 11.3316,<br>99.0878 |
| Hunter-Lab                          | 48.5349, 69.2143,<br>-2.6019  |

# Details

The Hex color **ED3E93** 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 **3EED98**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF7CC9**, and **B00061** is the 20% darker color. If you saturate the color by 10%, you get **ED2687**, and if you desaturate by 10%, it is **ED569F**.

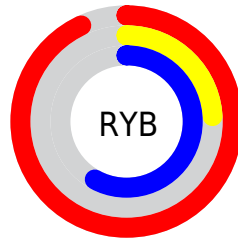
# Distribution



Red (93%)

Green (24%)

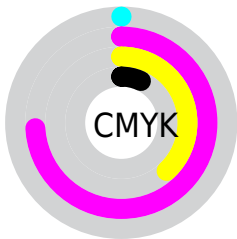
Blue (58%)



Red (93%)

Yellow (24%)

Blue (58%)

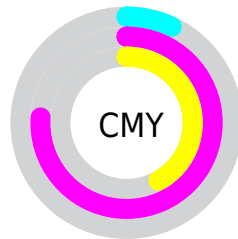


Cyan (0%)

Magenta (74%)

Yellow (38%)

Black (7%)



Cyan (7%)

Magenta (76%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED3E93 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 ED3E93 by changing the saturation by 10% instead.



 ED3E93

 ED3E93

FFFFFF

 CE1379

 FF7CC9

 B00061

 FF99E5

 920049

 FFB7FF

 740032

 FFD4FF

 57001E

 FFF2FF

 3C0003

 160000

 000000

 ED3E93

 ED3E93

 ED2687

 ED569F

 ED0F7B

 ED6DAB

 ED0073

 ED85B8

 ED9DC4

 EDB4D0

 EDCCDC

 EDE4E8

 EDFCF5

 EDFFFF

# Harmonies

## Analogous

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



C559CE



ED3E93



F04555

# Triad

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



ED3E93



6E9100



009DEB

# Complementary

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



ED3E93



3EED98

# 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.



00A1B8



ED3E93



009B37

# Square

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



ED3E93



AA7F00



00A078



0090FF

# Rectangle

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



ED3E93



E2592E



00A078



009FDD



# Sweetspot

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



ED3E93



FFC7E2



953EED



805E6E



000000



808080



# Same Dimension

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



ED3E93



FF1C8A



ED3E3E



756A6F



B50058



36001A



# Inverse Universe

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



ED3E93



FF1C8A



3EEDED



756A6F



B50058



36001A



# Previews

## White Background



This preview shows how the Hex color ED3E93 looks on a white background.

## Color Contrast Check

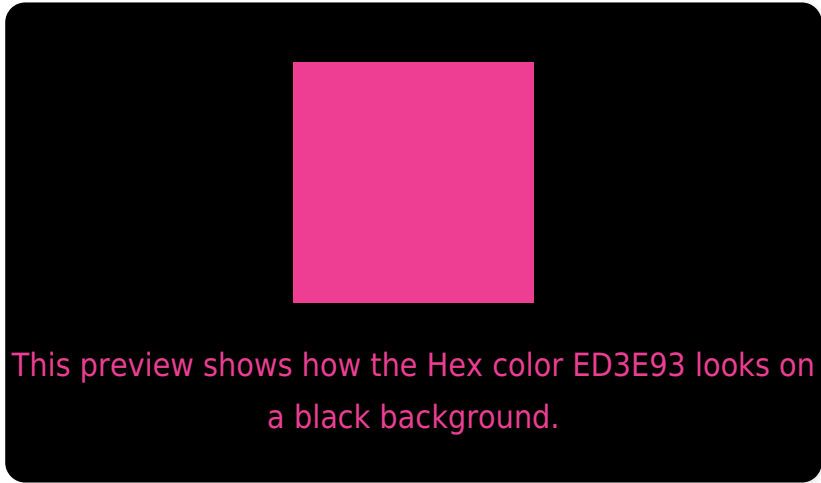
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED3E93 Background



This preview shows how black text looks on a background with the Hex color ED3E93.




This preview shows how white text looks on a background with the Hex color ED3E93.

# 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**  
E94F54

# Trichromacy



**Original Color**  
ED3E93



**Protanomaly**  
9F6BB0



**Deuteranomaly**  
B2698D



**Tritanomaly**  
EA496B

# Monochromacy



**Original Color**  
ED3E93



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
A56584

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED3E93 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 #ED3E93 looks like.

```
.text, #text, p{  
    color:#ED3E93  
}
```

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 #ED3E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED3E93
}
```

## Border

The CSS property to change the border of an element to Hex ED3E93 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
#ED3E93 }
```

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

```
.border{ border-color:#ED3E93 }
```

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

Here you see how a box with a 4 pixel #ED3E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED3E93; -webkit-box-shadow:4px 4px  
4px 4px #ED3E93; box-shadow:4px 4px 4px  
4px #ED3E93 }
```

# Background

The CSS property to change the background color of an element to Hex ED3E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED3E93 }
```

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

```
.background{ background-color:#ED3E93 }
```

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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