

# Converting Colors

Hex(ED3595)

Have a look what the booklet for  
Hex(ED3595) contains.

<b>Hex(ED3595)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(ED3595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED3595
RGB	237, 53, 149
RGB Percent	93%, 21%, 58%
CMY	0.0706, 0.7922, 0.4157
CMYK	0.00, 0.78, 0.37, 0.07
HSL	329°, 84%, 57%
HSV	329°, 78%, 93%
XYZ	41.6230, 22.7207, 30.6255
YIQ	118.9600, 78.8480, 68.8640

# Conversions

## Conversions Part 2

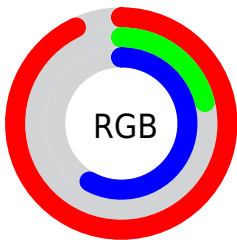
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 53, 149
Decimal	15545749
CIE <sub>Lab</sub>	54.78, 74.59, -9.00
CIE <sub>LCh</sub>	55, 75.135, 353.121
Yxy	22.7207, 0.4383, 0.2392
Android (android.graphics.Color)	4293735829 (0xFFED3595)
YUV	118.9600, 14.8097, 103.5211
Hunter-Lab	47.6662, 72.4536, -4.7275

# Details

The Hex color **ED3595** 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 **35ED8D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF76CB**, and **B00062** is the 20% darker color. If you saturate the color by 10%, you get **ED1D8A**, and if you desaturate by 10%, it is **ED4DA0**.

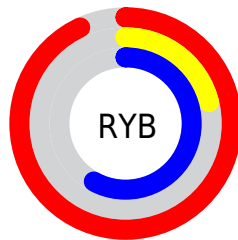
# Distribution



Red (93%)

Green (21%)

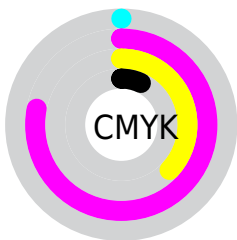
Blue (58%)



Red (93%)

Yellow (21%)

Blue (58%)

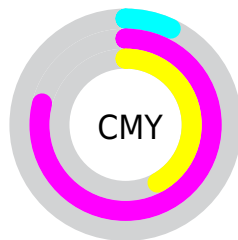


Cyan (0%)

Magenta (78%)

Yellow (37%)

Black (7%)



Cyan (7%)

Magenta (79%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED3595 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 ED3595 by changing the saturation by 10% instead.



 ED3595

 ED3595

FFFFFF

 CE007B

 FF76CB

 B00062

 FF93E7

 92004B

 FFB1FF

 740034

 FFCFFF

 57001F

 FFEDFF

 3B0002

 140000

 000000

 ED3595

 ED3595

ED1D8A

ED4DA0

ED067E

ED64AC

ED007C

ED7CB7

ED94C2

EDABCE

EDC3D9

EDDBE4

EDF3F0

EDFFFB

# Harmonies

## Analogous

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



C156D2



ED3595



F23C55

# Triad

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



ED3595



6E8F00



009CEB

# Complementary

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



ED3595



35ED8D

# 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.



009FB5



ED3595



00992C

# Square

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



ED3595



AB7B00



009E71



0090FF

# Rectangle

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



ED3595



E4522B



009E71



009EDB



# Sweetspot

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



ED3595



FFC4E3



8B35ED



805C6E



000000



808080



# Same Dimension

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



ED3595



FF128E



ED353B



756A70



B5005E



36001C



# Inverse Universe

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



ED3595



FF128E



35EDE7



756A70



B5005E



36001C



# Previews

## White Background



This preview shows how the Hex color ED3595 looks on a white background.

## Color Contrast Check

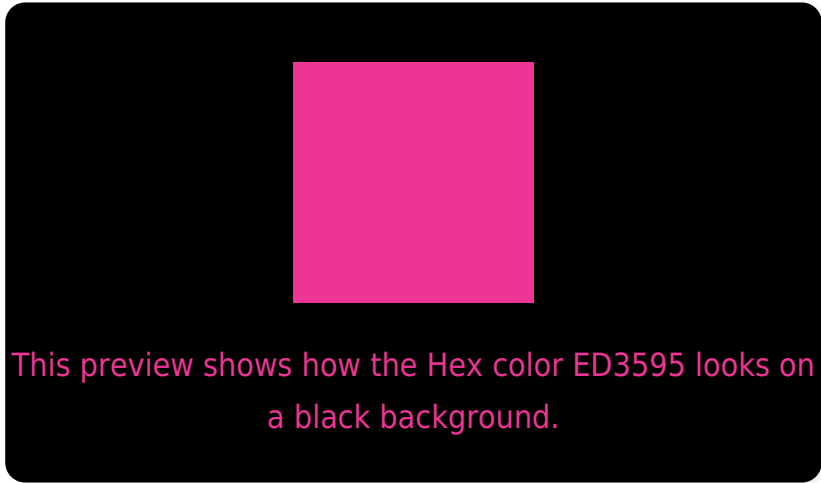
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED3595 Background



This preview shows how black text looks on a background with the Hex color ED3595.



This preview shows how white text looks on a background with the Hex color ED3595.

# 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**  
E84A4E

# Trichromacy



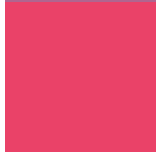
**Original Color**  
ED3595



**Protanomaly**  
9A65B5



**Deuteranomaly**  
B0658F

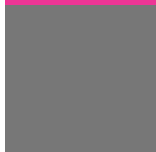


**Tritanomaly**  
EA4268

# Monochromacy



**Original Color**  
ED3595



**Achromatopsia**  
777777



**Achromatomaly**  
A25F82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED3595 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 #ED3595 looks like.

```
.text, #text, p{  
    color:#ED3595  
}
```

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 #ED3595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED3595
}
```

## Border

The CSS property to change the border of an element to Hex ED3595 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
#ED3595 }
```

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

```
.border{ border-color:#ED3595 }
```

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

Here you see how a box with a 4 pixel #ED3595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED3595; -webkit-box-shadow:4px 4px  
4px 4px #ED3595; box-shadow:4px 4px 4px  
4px #ED3595 }
```

# Background

The CSS property to change the background color of an element to Hex ED3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED3595 }
```

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

```
.background{ background-color:#ED3595 }
```

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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