

# Converting Colors

Hex(E93196)

Have a look what the booklet for  
Hex(E93196) contains.

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**Color**

**Hex(E93196)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E93196
RGB	233, 49, 150
RGB Percent	91%, 19%, 59%
CMY	0.0863, 0.8078, 0.4118
CMYK	0.00, 0.79, 0.36, 0.09
HSL	327°, 81%, 55%
HSV	327°, 79%, 91%
XYZ	40.2076, 21.7223, 30.9278
YIQ	115.5300, 77.2430, 70.4190

# Conversions

## Conversions Part 2

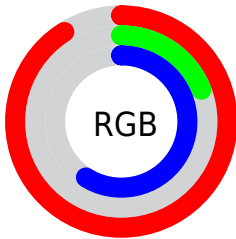
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 49, 150
Decimal	15282582
CIE Lab	53.73, 74.78, -11.24
CIE LCh	54, 75.617, 351.449
Yxy	21.7223, 0.4330, 0.2339
Android (android.graphics.Color)	4293472662 (0xFFE93196)
YUV	115.5300, 16.9937, 103.0212
Hunter-Lab	46.6072, 72.4279, -6.7189

# Details

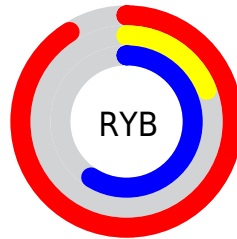
The Hex color **E93196** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **31E984**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF72CC**, and **AC0063** is the 20% darker color. If you saturate the color by 10%, you get **E91A8B**, and if you desaturate by 10%, it is **E948A1**.

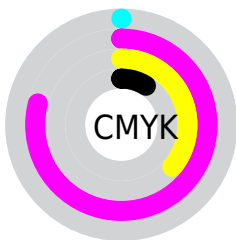
# Distribution



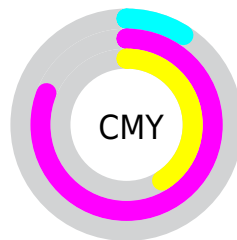
- Red (91%)
- Green (19%)
- Blue (59%)



- Red (91%)
- Yellow (19%)
- Blue (59%)



- Cyan (0%)
- Magenta (79%)
- Yellow (36%)
- Black (9%)



- Cyan (9%)
- Magenta (81%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E93196 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 E93196 by changing the saturation by 10% instead.



 E93196

 E93196

FFFFFF

 CA007C

 FF72CC

 AC0063

 FF90E8

 8E004B

 FFAEFF

 700035

 FFCCFF

 540020

 FFEAFF

 380003

 0C0000

 000000

 E93196

 E93196

 E91A8B

 E948A1

 E90281

 E960AB

 E90080

 E977B6

 E98EC0

 E9A6CB

 E9BDD5

 E9D4E0

 E9EBEA

 E9FFF5

# Harmonies

## Analogous

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



BB55D3



E93196



F03555

# Triad

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



E93196



6F8B00



0099E6

# Complementary

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



E93196



31E984

# 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.



009DAF



E93196



009624

# Square

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



E93196



AB7700



009B6B



008EFF

# Rectangle

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



E93196



E34D2C



009B6B



009BD6



# Sweetspot

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



E93196



FFC2E3



8431E9



805B6F



000000



808080



# Same Dimension

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



E93196



FF0D92



E9313A



756A70



B50063



36001D



# Inverse Universe

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



E93196



FF0D92



31E9E0



756A70



B50063



36001D



# Previews

## White Background



This preview shows how the Hex color E93196 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 E93196 Background



This preview shows how black text looks on a background with the Hex color E93196.

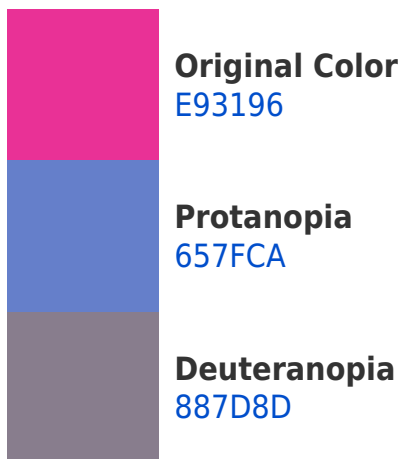



This preview shows how white text looks on a background with the Hex color E93196.

# 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**  
E4484C

# Trichromacy



**Original Color**  
E93196



**Protanomaly**  
9563B7



**Deuteranomaly**  
AB6190



**Tritanomaly**  
E64067

# Monochromacy



**Original Color**  
E93196



**Achromatopsia**  
747474



**Achromatomaly**  
9F5C80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E93196 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 #E93196 looks like.

```
.text, #text, p{  
    color:#E93196  
}
```

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 #E93196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E93196
}
```

## Border

The CSS property to change the border of an element to Hex E93196 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
#E93196 }
```

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

```
.border{ border-color:#E93196 }
```

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

Here you see how a box with a 4 pixel #E93196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E93196; -webkit-box-shadow:4px 4px  
4px 4px #E93196; box-shadow:4px 4px 4px  
4px #E93196 }
```

# Background

The CSS property to change the background color of an element to Hex E93196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E93196 }
```

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

```
.background{ background-color:#E93196 }
```

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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