

# Converting Colors

Hex(E73494)

Have a look what the booklet for  
Hex(E73494) contains.

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**Color**

**Hex(E73494)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E73494
RGB	231, 52, 148
RGB Percent	91%, 20%, 58%
CMY	0.0941, 0.7961, 0.4196
CMYK	0.00, 0.77, 0.36, 0.09
HSL	328°, 79%, 55%
HSV	328°, 77%, 91%
XYZ	39.5283, 21.5830, 30.0995
YIQ	116.4650, 75.8680, 67.8040

# Conversions

## Conversions Part 2

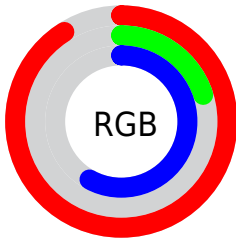
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	231, 52, 148
Decimal	15152276
CIE <sub>Lab</sub>	53.58, 73.29, -10.32
CIE <sub>LCh</sub>	54, 74.017, 351.988
Yxy	21.5830, 0.4334, 0.2366
Android (android.graphics.Color)	4293342356 (0xFFE73494)
YUV	116.4650, 15.5468, 100.4472
Hunter-Lab	46.4575, 70.5756, -5.8933

# Details

The Hex color **E73494** 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 **34E787**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF74CA**, and **AA0061** is the 20% darker color. If you saturate the color by 10%, you get **E71D89**, and if you desaturate by 10%, it is **E74B9F**.

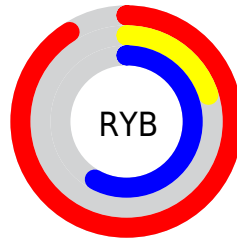
# Distribution



Red (91%)

Green (20%)

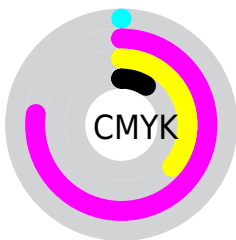
Blue (58%)



Red (91%)

Yellow (20%)

Blue (58%)

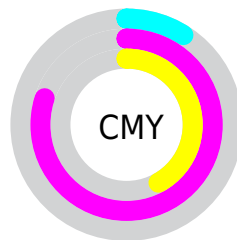


Cyan (0%)

Magenta (77%)

Yellow (36%)

Black (9%)



Cyan (9%)

Magenta (80%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E73494 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 E73494 by changing the saturation by 10% instead.



 E73494

 E73494

FFFFFF

 C8007A

 FF74CA

 AA0061

 FF92E6

 8C004A

 FFAFFF

 6F0033

 FFCDFD

 52001E

 FFE8FF

 360002

 070000

 000000

 E73494

 E73494

 E71D89

 E74B9F

 E7067F

 E762A9

 E7007C

 E779B4

 E790BF

 E7A8CA

 E7BFD4

 E7D6DF

 E7EDEA

 E7FFF4

# Harmonies

## Analogous

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



BA55D0



E73494



ED3955

# Triad

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



E73494



6E8B00



0098E4

# Complementary

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



E73494



34E787

# 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.



009CAE



E73494



009628

# Square

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



E73494



A97700



009B6C



008DFF

# Rectangle

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



E73494



E04F2C



009B6C



009AD5



# Sweetspot

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



E73494



FFC4E4



8534E7



805C6F



000000



808080



# Same Dimension

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



E73494



FF1291



E7343D



73676D



B30060



33001B



# Inverse Universe

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



E73494



FF1291



34E7DE



73676D



B30060



33001B



# Previews

## White Background



This preview shows how the Hex color E73494 looks on a white background.

## Color Contrast Check

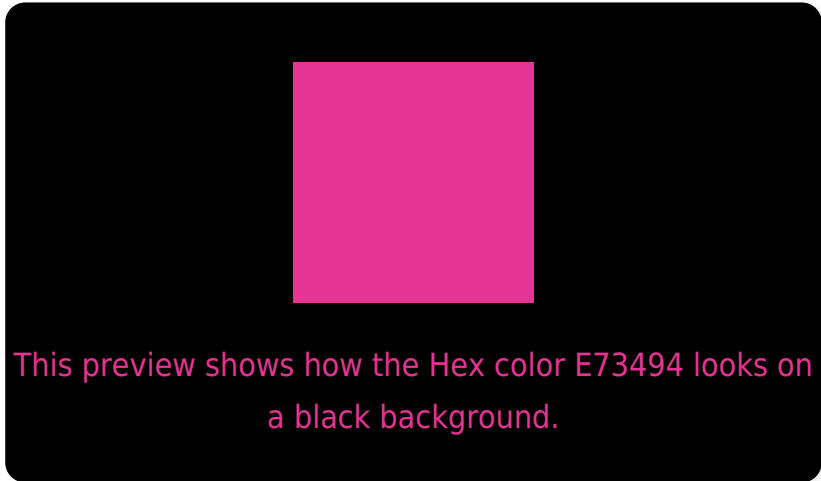
Large Text (above 18pt) WCAG AA ✓ Pass

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 E73494 Background



This preview shows how black text looks on a background with the Hex color E73494.



This preview shows how white text looks on a background with the Hex color E73494.

# 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



**Original Color**  
E73494

**Protanopia**  
677EC6

**Deuteranopia**  
887D8B



**Tritanopia**  
E24A4D

# Trichromacy



**Original Color**  
E73494



**Protanomaly**  
9663B4



**Deuteranomaly**  
AB628E

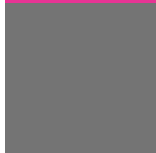


**Tritanomaly**  
E44267

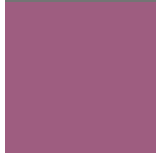
# Monochromacy



**Original Color**  
E73494



**Achromatopsia**  
747474



**Achromatomaly**  
9E5D80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E73494 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 #E73494 looks like.

```
.text, #text, p{  
  color:#E73494  
}
```

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 #E73494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E73494
}
```

## Border

The CSS property to change the border of an element to Hex E73494 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
#E73494 }
```

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

```
.border{ border-color:#E73494 }
```

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

Here you see how a box with a 4 pixel #E73494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E73494; -webkit-box-shadow:4px 4px  
4px 4px #E73494; box-shadow:4px 4px 4px  
4px #E73494 }
```

# Background

The CSS property to change the background color of an element to Hex E73494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E73494 }
```

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

```
.background{ background-color:#E73494 }
```

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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