

# Converting Colors

Hex(E73A80)

Have a look what the booklet for  
Hex(E73A80) contains.

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# Color

**Hex(E73A80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E73A80
RGB	231, 58, 128
RGB Percent	91%, 23%, 50%
CMY	0.0941, 0.7725, 0.4980
CMYK	0.00, 0.75, 0.45, 0.09
HSL	336°, 78%, 57%
HSV	336°, 75%, 91%
XYZ	38.3643, 21.5735, 22.5642
YIQ	117.7070, 80.6380, 58.4460

# Conversions

## Conversions Part 2

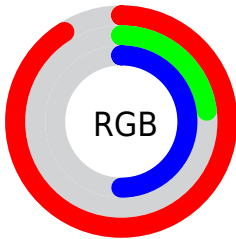
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 58, 128
Decimal	15153792
CIE <sub>Lab</sub>	53.57, 69.64, 1.60
CIE <sub>LCh</sub>	54, 69.657, 1.314
Yxy	21.5735, 0.4650, 0.2615
Android (android.graphics.Color)	4293343872 (0xFFE73A80)
YUV	117.7070, 5.0744, 99.3580
Hunter-Lab	46.4473, 66.1537, 3.7100

# Details

The Hex color **E73A80** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **3AE7A1**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF78B5**, and **AA004F** is the 20% darker color. If you saturate the color by 10%, you get **E72372**, and if you desaturate by 10%, it is **E7518E**.

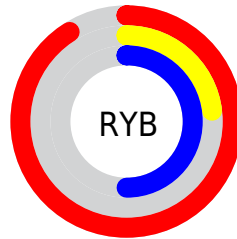
# Distribution



Red (91%)

Green (23%)

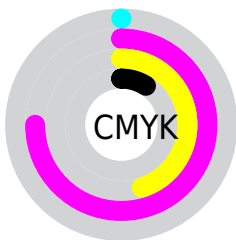
Blue (50%)



Red (91%)

Yellow (23%)

Blue (50%)

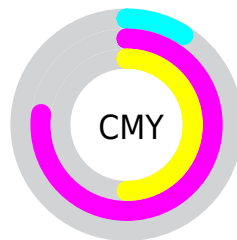


Cyan (0%)

Magenta (75%)

Yellow (45%)

Black (9%)



Cyan (9%)

Magenta (77%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E73A80 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 E73A80 by changing the saturation by 10% instead.



 E73A80

 E73A80

FFFFFF

 C80C67

 FF78B5

 AA004F

 FF95D0

 8C0039

 FFB2EC

 6E0023

 FFD0FF

 51000D

 FFEDFF

 330002

 000000

 E73A80

 E73A80

 E72372

 E7518E

 E70C64

 E7689C

 E7005D

 E77FA9

 E796B7

 E7ADC5

 E7C5D3

 E7DCE0

 E7F3EE

 E7FFFC

# Harmonies

## Analogous

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



C94FBB



E73A80



E44945

# Triad

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



E73A80



5B8E00



0095E9

# Complementary

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



E73A80



3AE7A1

# 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.



009ABD



E73A80



009742

# Square

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



E73A80



987E00



009A81



0087F9

# Rectangle

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



E73A80



D25C1F



009A81



0097DD



# Sweetspot

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



E73A80



FFC7DE



9F3AE7



805E6C



000000



808080



# Same Dimension

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



E73A80



FF1976



E7483A



73676C



B30048



330015



# Inverse Universe

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



E73A80



FF1976



3AD9E7



73676C



B30048



330015



# Previews

## White Background



This preview shows how the Hex color E73A80 looks on a white background.

## Color Contrast Check

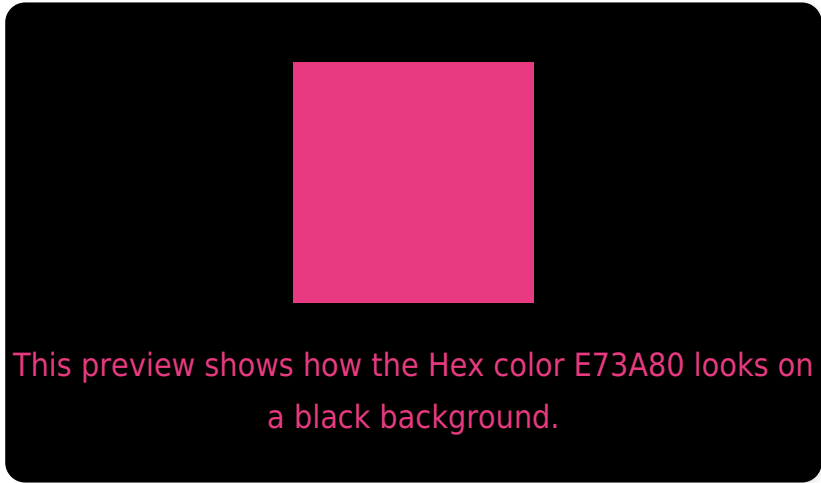
Large Text (above 18pt) WCAG AA ✓ Pass

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 E73A80 Background



This preview shows how black text looks on a background with the Hex color E73A80.

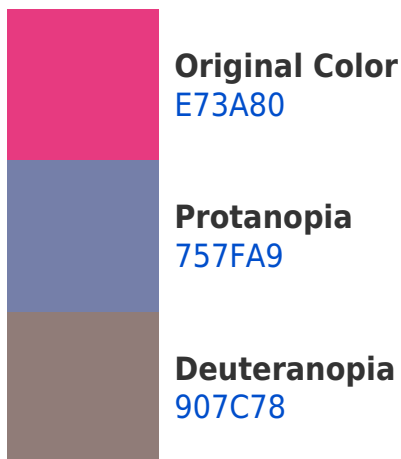


This preview shows how white text looks on a background with the Hex color E73A80.

# 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**  
E4484B

# Trichromacy



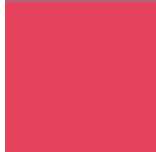
**Original Color**  
E73A80



**Protanomaly**  
9E669A



**Deuteranomaly**  
B0647B



**Tritanomaly**  
E5435E

# Monochromacy



**Original Color**  
E73A80



**Achromatopsia**  
767676



**Achromatomaly**  
9F607A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E73A80 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 #E73A80 looks like.

```
.text, #text, p{  
    color:#E73A80  
}
```

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 #E73A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E73A80
}
```

## Border

The CSS property to change the border of an element to Hex E73A80 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
#E73A80 }
```

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

```
.border{ border-color:#E73A80 }
```

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

Here you see how a box with a 4 pixel #E73A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E73A80; -webkit-box-shadow:4px 4px  
4px 4px #E73A80; box-shadow:4px 4px 4px  
4px #E73A80 }
```

# Background

The CSS property to change the background color of an element to Hex E73A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E73A80 }
```

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

```
.background{ background-color:#E73A80 }
```

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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