

# Converting Colors

Hex(E74B7A)

Have a look what the booklet for  
Hex(E74B7A) contains.

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# Color

**Hex(E74B7A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E74B7A
RGB	231, 75, 122
RGB Percent	91%, 29%, 48%
CMY	0.0941, 0.7059, 0.5216
CMYK	0.00, 0.68, 0.47, 0.09
HSL	342°, 76%, 60%
HSV	342°, 68%, 91%
XYZ	38.9839, 23.4262, 20.8794
YIQ	127.0020, 77.8890, 47.6890

# Conversions

## Conversions Part 2

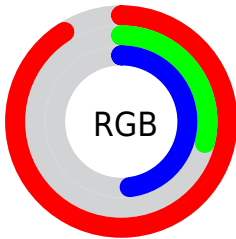
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 75, 122
Decimal	15158138
CIE <sub>Lab</sub>	55.51, 63.27, 7.96
CIE <sub>LCh</sub>	56, 63.766, 7.170
Yxy	23.4262, 0.4681, 0.2813
Android (android.graphics.Color)	4293348218 (0xFFE74B7A)
YUV	127.0020, -2.4660, 91.2062
Hunter-Lab	48.4006, 59.0703, 8.3035

# Details

The Hex color **E74B7A** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **4BE7B8**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF85AE**, and **AA004A** is the 20% darker color. If you saturate the color by 10%, you get **E7346A**, and if you desaturate by 10%, it is **E7628A**.

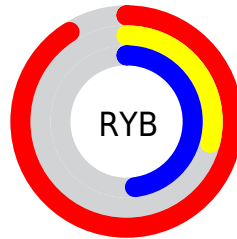
# Distribution



Red (91%)

Green (29%)

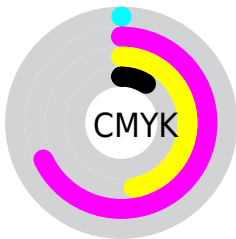
Blue (48%)



Red (91%)

Yellow (29%)

Blue (48%)

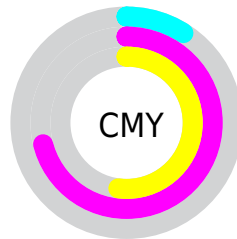


Cyan (0%)

Magenta (68%)

Yellow (47%)

Black (9%)



Cyan (9%)

Magenta (71%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E74B7A 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 E74B7A by changing the saturation by 10% instead.



 E74B7A

 E74B7A

FFFFFF

 C82B61

 FF85AE

 AA004A

 FFA1C9

 8C0033

 FFBEE6

 6E001F

 FFDBFF

 520005

 FFF9FF

 350002

 020000

 000000

 E74B7A

 E74B7A

 E7346A

 E7628A

 E71D5A

 E7799A

 E7064A

 E790AA

 E70046

 E7A7BB

 E7BFCB

 E7D6DB

 E7EDEB

 E7FFFB

 E7FFFF

# Harmonies

## Analogous

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



D156B1



E74B7A



DF5A45

# Triad

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



E74B7A



589421



0096EB

# Complementary

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



E74B7A



4BE7B8

# 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.



009DC7



E74B7A



009C58

# Square

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



E74B7A



938700



009E91



0087F3

# Rectangle

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



E74B7A



CD6A24



009E91



0099E2



# Sweetspot

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



E74B7A



FFCCDB



B64BE7



80616A



000000



808080



# Same Dimension

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



E74B7A



FF306F



E7684B



73676B



B30036



33000F



# Inverse Universe

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



E74B7A



FF306F



4BCAE7



73676B



B30036



33000F



# Previews

## White Background



This preview shows how the Hex color E74B7A looks on a white background.

## Color Contrast Check

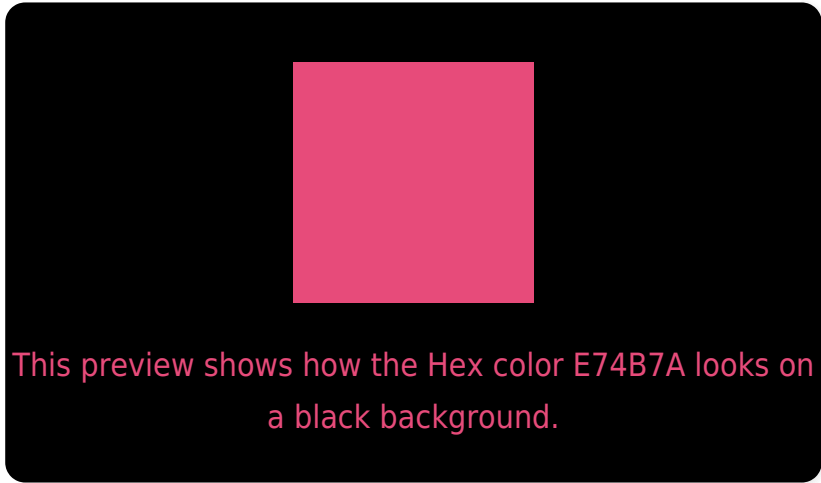
Large Text (above 18pt) WCAG AA ✓ Pass

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 E74B7A Background



This preview shows how black text looks on a background with the Hex color E74B7A.



This preview shows how white text looks on a background with the Hex color E74B7A.

# 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





# Trichromacy



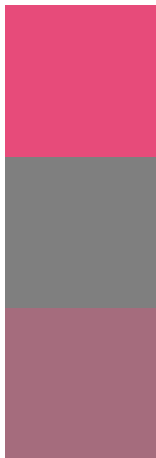
**Original Color**  
E74B7A

**Protanomaly**  
A76F8E

**Deuteranomaly**  
B56D75

**Tritanomaly**  
E64F64

# Monochromacy



**Original Color**  
E74B7A

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
A56C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E74B7A 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 #E74B7A looks like.

```
.text, #text, p{  
  color:#E74B7A  
}
```

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 #E74B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E74B7A
}
```

## Border

The CSS property to change the border of an element to Hex E74B7A 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
#E74B7A }
```

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

```
.border{ border-color:#E74B7A }
```

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

Here you see how a box with a 4 pixel #E74B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E74B7A; -webkit-box-shadow:4px 4px  
4px 4px #E74B7A; box-shadow:4px 4px 4px  
4px #E74B7A }
```

# Background

The CSS property to change the background color of an element to Hex E74B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E74B7A }
```

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

```
.background{ background-color:#E74B7A }
```

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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