

# Converting Colors

Hex(E74B9F)

Have a look what the booklet for  
Hex(E74B9F) contains.

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# Color

Hex(E74B9F)

# Conversions

## Conversions Part 1

Format	Color
Hex	E74B9F
RGB	231, 75, 159
RGB Percent	91%, 29%, 62%
CMY	0.0941, 0.7059, 0.3765
CMYK	0.00, 0.68, 0.31, 0.09
HSL	328°, 76%, 60%
HSV	328°, 68%, 91%
XYZ	41.7291, 24.5243, 35.3352
YIQ	131.2200, 66.0120, 59.1960

# Conversions

## Conversions Part 2

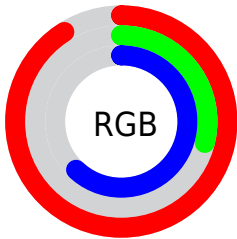
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 75, 159
Decimal	15158175
CIE <sub>Lab</sub>	56.61, 67.05, -12.25
CIE <sub>LCh</sub>	57, 68.158, 349.644
Yxy	24.5243, 0.4108, 0.2414
Android (android.graphics.Color)	4293348255 (0xFFE74B9F)
YUV	131.2200, 13.6955, 87.5071
Hunter-Lab	49.5220, 63.7473, -7.6395

# Details

The Hex color **E74B9F** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4BE793**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF86D6**, and **AB006C** is the 20% darker color. If you saturate the color by 10%, you get **E73494**, and if you desaturate by 10%, it is **E762AA**.

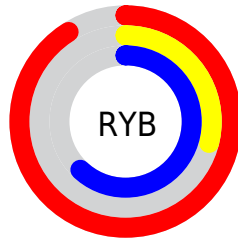
# Distribution



Red (91%)

Green (29%)

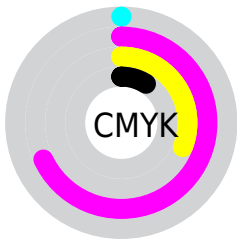
Blue (62%)



Red (91%)

Yellow (29%)

Blue (62%)

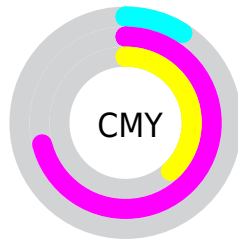


Cyan (0%)

Magenta (68%)

Yellow (31%)

Black (9%)



Cyan (9%)

Magenta (71%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E74B9F 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 E74B9F by changing the saturation by 10% instead.



 E74B9F

 E74B9F

FFFFFF

 C92A85

 FF86D6

 AB006C

 FFA2F2

 8E0053

 FFBFFF

 71003C


 FFDDFF

 540026

 FFFBFF

 3A0011

 150000

 000000

 E74B9F

 E74B9F

 E73494

 E762AA

 E71D8A

 E779B4

 E7067F

 E790BF

 E7007C

 E7A7CA

 E7BFD4

 E7D6DF

 E7EDEA

 E7FFF4

 E7FFFF

# Harmonies

## Analogous

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



BA65D6



E74B9F



F04B64

# Triad

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



E74B9F



7E9100



009FE2

# Complementary

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



E74B9F



4BE793

# 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.



00A3AE



E74B9F



2C9C34

# Square

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



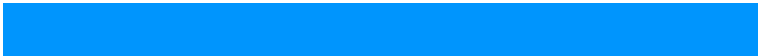
E74B9F



B47E00



00A170



0095FD

# Rectangle

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



E74B9F



E65B3F



00A170



00A1D2



# Sweetspot

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



E74B9F



FFCCE7



914BE7



806171



000000



808080



# Same Dimension

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



E74B9F



FF30A0



E74B53



73676D



B30060



33001B



# Inverse Universe

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



E74B9F



FF30A0



4BE7DF



73676D



B30060



33001B



# Previews

## White Background



This preview shows how the Hex color E74B9F looks on a white background.

## Color Contrast Check

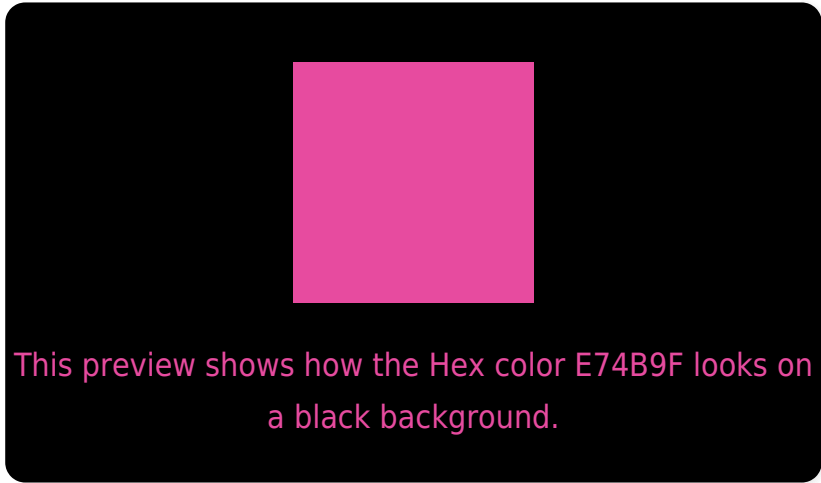
Large Text (above 18pt) WCAG AA ✓ Pass

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 E74B9F Background



This preview shows how black text looks on a background with the Hex color E74B9F.



This preview shows how white text looks on a background with the Hex color E74B9F.

# 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](#).

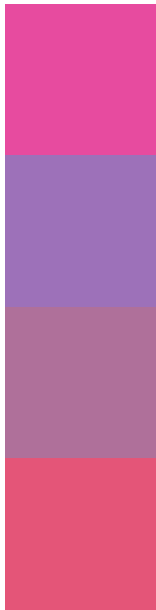
## Dichromacy





**Tritanopia**  
E25B61

# Trichromacy



**Original Color**  
E74B9F

**Protanomaly**  
9D71B9

**Deuteranomaly**  
AF709A

**Tritanomaly**  
E45578

# Monochromacy



**Original Color**  
E74B9F

**Achromatopsia**  
838383

**Achromatomaly**  
A76F8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E74B9F 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 #E74B9F looks like.

```
.text, #text, p{  
  color:#E74B9F  
}
```

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 #E74B9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E74B9F
}
```

## Border

The CSS property to change the border of an element to Hex E74B9F 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
#E74B9F }
```

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

```
.border{ border-color:#E74B9F }
```

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

Here you see how a box with a 4 pixel #E74B9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E74B9F; -webkit-box-shadow:4px 4px  
4px 4px #E74B9F; box-shadow:4px 4px 4px  
4px #E74B9F }
```

# Background

The CSS property to change the background color of an element to Hex E74B9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E74B9F }
```

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

```
.background{ background-color:#E74B9F }
```

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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