

# Converting Colors

Hex(EA4A7A)

Have a look what the booklet for  
Hex(EA4A7A) contains.

<b>Hex(EA4A7A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(EA4A7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA4A7A
RGB	234, 74, 122
RGB Percent	92%, 29%, 48%
CMY	0.0824, 0.7098, 0.5216
CMYK	0.00, 0.68, 0.48, 0.08
HSL	342°, 79%, 60%
HSV	342°, 68%, 92%
XYZ	39.8933, 23.7951, 20.9027
YIQ	127.3120, 79.9520, 48.8480

# Conversions

## Conversions Part 2

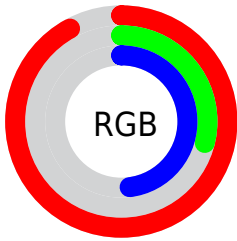
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 74, 122
Decimal	15354490
CIE <sub>Lab</sub>	55.88, 64.52, 8.56
CIE <sub>LCh</sub>	56, 65.090, 7.557
Yxy	23.7951, 0.4716, 0.2813
Android (android.graphics.Color)	4293544570 (0xFFEA4A7A)
YUV	127.3120, -2.6188, 93.5654
Hunter-Lab	48.7802, 60.6149, 8.7400

# Details

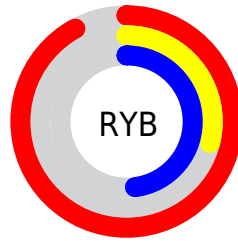
The Hex color **EA4A7A** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **4AEABA**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF84AE**, and **AD004A** is the 20% darker color. If you saturate the color by 10%, you get **EA336A**, and if you desaturate by 10%, it is **EA618A**.

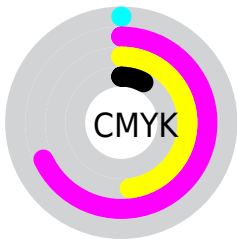
# Distribution



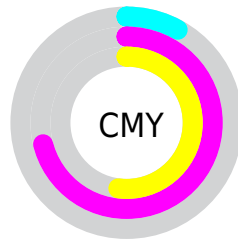
- Red (92%)
- Green (29%)
- Blue (48%)



- Red (92%)
- Yellow (29%)
- Blue (48%)



- Cyan (0%)
- Magenta (68%)
- Yellow (48%)
- Black (8%)



- Cyan (8%)
- Magenta (71%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA4A7A 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 EA4A7A by changing the saturation by 10% instead.



 EA4A7A

 EA4A7A

FFFFFF

 CB2961

 FF84AE

 AD004A

 FFA1C9

 8F0034

 FFBEE5

 71001F

 FFDBFF

 540005

 FFF9FF

 370002

 0A0000

 000000

 EA4A7A

 EA4A7A

 EA336A

 EA618A

 EA1B59

 EA799B

 EA0449

 EA90AB

 EA0046

 EAA8BC

 EABFCC

 EAD6DC

 EAEEED

 EAFFFD

 EAFFFF

# Harmonies

## Analogous

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



D455B2



EA4A7A



E25A44

# Triad

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



EA4A7A



579620



0097EE

# Complementary

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



EA4A7A



4AEABA

# 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.



009ECA



EA4A7A



009D58

# Square

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



EA4A7A



938800



00A093



0088F7

# Rectangle

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



EA4A7A



CF6B22



00A093



009BE5



# Sweetspot

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



EA4A7A



FFC9DA



BA4AEA



806069



000000



808080



# Same Dimension

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



EA4A7A



FF2E6D



EA6A4A



756A6D



B50036



360010



# Inverse Universe

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



EA4A7A



FF2E6D



4ACAEA



756A6D



B50036



360010



# Previews

## White Background



This preview shows how the Hex color EA4A7A looks on a white background.

## Color Contrast Check

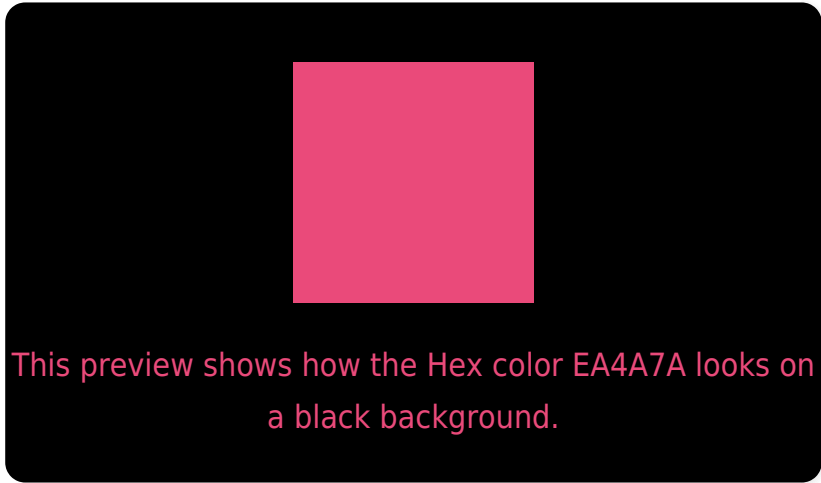
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA4A7A Background



This preview shows how black text looks on a background with the Hex color EA4A7A.

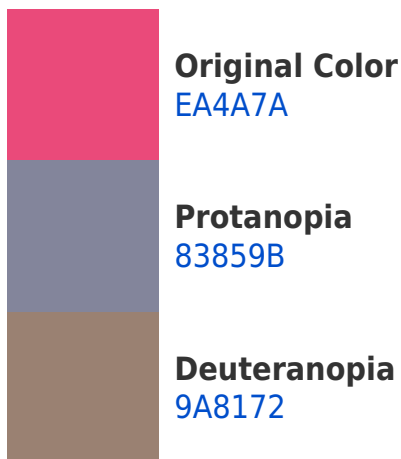



This preview shows how white text looks on a background with the Hex color EA4A7A.

# 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**  
E85256

# Trichromacy



**Original Color**

EA4A7A



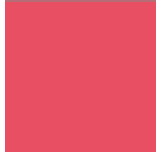
**Protanomaly**

A8708F



**Deuteranomaly**

B76D75



**Tritanomaly**

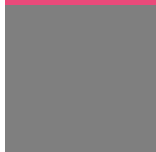
E94F63

# Monochromacy



**Original Color**

EA4A7A



**Achromatopsia**

7F7F7F



**Achromatomaly**

A66C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA4A7A 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 #EA4A7A looks like.

```
.text, #text, p{  
  color:#EA4A7A  
}
```

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 #EA4A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA4A7A
}
```

## Border

The CSS property to change the border of an element to Hex EA4A7A 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
#EA4A7A }
```

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

```
.border{ border-color:#EA4A7A }
```

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

Here you see how a box with a 4 pixel #EA4A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA4A7A; -webkit-box-shadow:4px 4px  
4px 4px #EA4A7A; box-shadow:4px 4px 4px  
4px #EA4A7A }
```

# Background

The CSS property to change the background color of an element to Hex EA4A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA4A7A }
```

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

```
.background{ background-color:#EA4A7A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor