

# Converting Colors

Hex(E47A9F)

Have a look what the booklet for  
Hex(E47A9F) contains.

<b>Hex(E47A9F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E47A9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E47A9F
RGB	228, 122, 159
RGB Percent	89%, 48%, 62%
CMY	0.1059, 0.5216, 0.3765
CMYK	0.00, 0.46, 0.30, 0.11
HSL	339°, 66%, 69%
HSV	339°, 46%, 89%
XYZ	45.2125, 32.9163, 36.7714
YIQ	157.9120, 51.2990, 33.9790

# Conversions

## Conversions Part 2

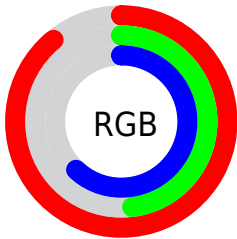
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 122, 159
Decimal	14973599
CIE Lab	64.09, 45.08, -1.19
CIE LCh	64, 45.097, 358.493
Yxy	32.9163, 0.3935, 0.2865
Android (android.graphics.Color)	4293163679 (0xFFE47A9F)
YUV	157.9120, 0.5364, 61.4672
Hunter-Lab	57.3727, 40.2644, 2.1606

# Details

The Hex color **E47A9F** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7AE4BF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB1D6**, and **AA456C** is the 20% darker color. If you saturate the color by 10%, you get **E46390**, and if you desaturate by 10%, it is **E491AE**.

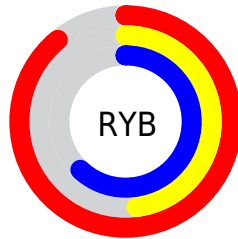
# Distribution



Red (89%)

Green (48%)

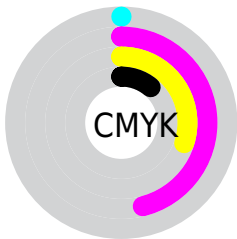
Blue (62%)



Red (89%)

Yellow (48%)

Blue (62%)

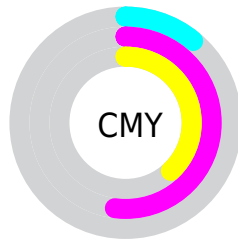


Cyan (0%)

Magenta (46%)

Yellow (30%)

Black (11%)



Cyan (11%)

Magenta (52%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E47A9F 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 E47A9F by changing the saturation by 10% instead.



 E47A9F

 E47A9F

FFFFFF

 C76085

 FFB1D6

 AA456C

 FFCDF2

 8E2B54

 FFEAFF

 720B3D

 570027

 3D0012

 210001

 000000

 E47A9F

 E47A9F

 E46390

 E491AE

 E44C81

 E4A8BD

 E43672

 E4BECC

 E41F64

 E4D5DA

 E40855

 E4ECE9

 E40050

 E4FFF8

 E4FFFF

# Harmonies

## Analogous

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



CB83C6



E47A9F



E67D77

# Triad

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



E47A9F



8DA452



00AADF

# Complementary

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



E47A9F



7AE4BF

# 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.



00AFC0



E47A9F



5BAC70

# Square

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



E47A9F



B59849



00B098



50A0EB

# Rectangle

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



E47A9F



DC8561



00B098



00ACD7



# Sweetspot

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



E47A9F



FFDBE8



BF7AE4



806A71



000000



808080



# Same Dimension

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



E47A9F



FF70A2



E48A7A



73676B



B3003E



330012



# Inverse Universe

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



E47A9F



FF70A2



7AD4E4



73676B



B3003E

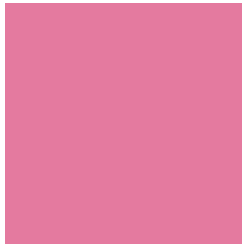


330012



# Previews

## White Background



This preview shows how the Hex color E47A9F looks on a white background.

## Color Contrast Check

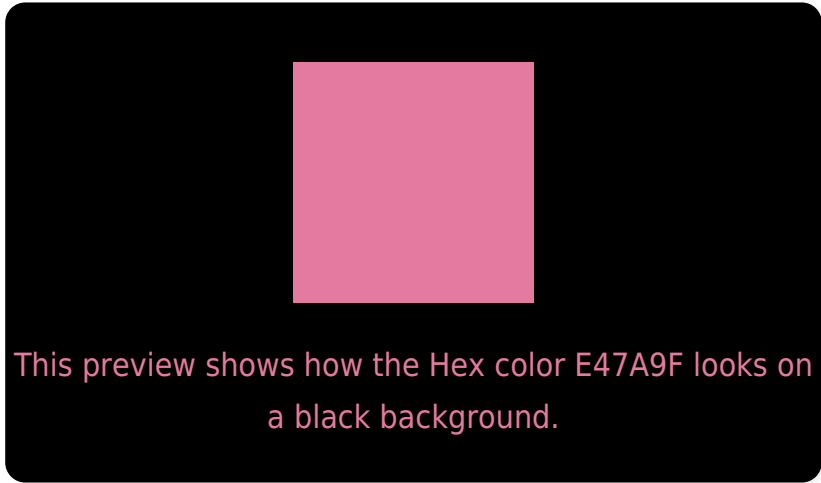
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E47A9F Background



This preview shows how black text looks on a background with the Hex color E47A9F.



This preview shows how white text looks on a background with the Hex color E47A9F.

# 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**  
E27E88

# Trichromacy



**Original Color**  
E47A9F



**Protanomaly**  
B48FAC



**Deuteranomaly**  
C08C9C

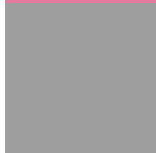


**Tritanomaly**  
E37D90

# Monochromacy



**Original Color**  
E47A9F



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
B7919E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E47A9F 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 #E47A9F looks like.

```
.text, #text, p{  
    color:#E47A9F  
}
```

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 #E47A9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E47A9F
}
```

## Border

The CSS property to change the border of an element to Hex E47A9F 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
#E47A9F }
```

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

```
.border{ border-color:#E47A9F }
```

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

Here you see how a box with a 4 pixel #E47A9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E47A9F; -webkit-box-shadow:4px 4px  
4px 4px #E47A9F; box-shadow:4px 4px 4px  
4px #E47A9F }
```

# Background

The CSS property to change the background color of an element to Hex E47A9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E47A9F }
```

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

```
.background{ background-color:#E47A9F }
```

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