

# Converting Colors

Hex(E95A9E)

Have a look what the booklet for  
Hex(E95A9E) contains.

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# **Color**

**Hex(E95A9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E95A9E
RGB	233, 90, 158
RGB Percent	91%, 35%, 62%
CMY	0.0863, 0.6471, 0.3804
CMYK	0.00, 0.61, 0.32, 0.09
HSL	331°, 76%, 63%
HSV	331°, 61%, 91%
XYZ	43.4320, 27.1046, 35.2903
YIQ	140.5090, 63.4000, 51.4640

# Conversions

## Conversions Part 2

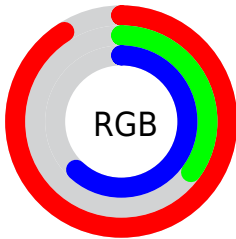
Format	Color
R <sub>YB</sub>	233, 90, 158
Decimal	15293086
CIE <sub>Lab</sub>	59.07, 61.54, -7.95
CIE <sub>LCh</sub>	59, 62.047, 352.640
Yxy	27.1046, 0.4104, 0.2561
Android (android.graphics.Color)	4293483166 (0xFFE95A9E)
YUV	140.5090, 8.6231, 81.1146
Hunter-Lab	52.0621, 57.8023, -3.7464

# Details

The Hex color **E95A9E** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5AE9A5**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF93D5**, and **AD1A6B** is the 20% darker color. If you saturate the color by 10%, you get **E94392**, and if you desaturate by 10%, it is **E971AA**.

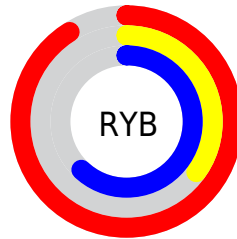
# Distribution



Red (91%)

Green (35%)

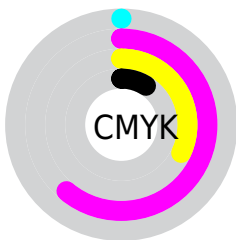
Blue (62%)



Red (91%)

Yellow (35%)

Blue (62%)

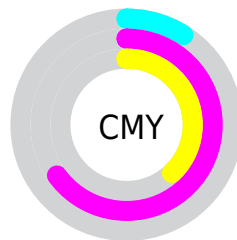


Cyan (0%)

Magenta (61%)

Yellow (32%)

Black (9%)



Cyan (9%)

Magenta (65%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E95A9E 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 E95A9E by changing the saturation by 10% instead.



 E95A9E

 E95A9E

FFFFFF

 CB3D84

 FF93D5

 AD1A6B

 FFAFF1

 900053

 FFCCFF

 73003C

 FFE9FF

 570026

 3E0011

 1C0001

 000000

 E95A9E

 E95A9E

 E94392

 E971AA

 E92B86

 E989B6

 E91479

 E9A0C3

 E9006F

 E9B7CF

 E9CEDB

 E9E6E7

 E9FDF4

 E9FFFF

# Harmonies

## Analogous

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



C36DD1



E95A9E



EF5C68

# Triad

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



E95A9E



81981A



00A3E4

# Complementary

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



E95A9E



5AE9A5

# 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.



00A8B7



E95A9E



38A248

# Square

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



E95A9E



B58710



00A77E



0098FA

# Rectangle

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



E95A9E



E46946



00A77E



00A5D7



# Sweetspot

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



E95A9E



FFD1E7



A45AE9



806371



000000



808080



# Same Dimension

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



E95A9E



FF429C



E95C5A



756A6F



B50056



360019



# Inverse Universe

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



E95A9E



FF429C



5AE7E9



756A6F



B50056



360019



# Previews

## White Background



This preview shows how the Hex color E95A9E looks on a white background.

## Color Contrast Check

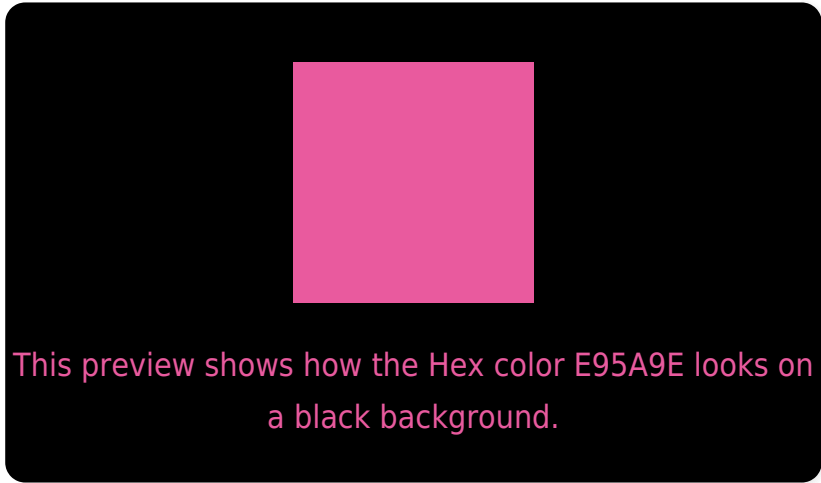
Large Text (above 18pt) WCAG AA ✓ Pass

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 E95A9E Background



This preview shows how black text looks on a background with the Hex color E95A9E.




This preview shows how white text looks on a background with the Hex color E95A9E.

# 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**  
E5656C

# Trichromacy



**Original Color**  
E95A9E



**Protanomaly**  
A67AB4



**Deuteranomaly**  
B6799A



**Tritanomaly**  
E6617E

# Monochromacy



**Original Color**  
E95A9E



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
AE7A93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E95A9E 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 #E95A9E looks like.

```
.text, #text, p{  
    color:#E95A9E  
}
```

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 #E95A9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E95A9E
}
```

## Border

The CSS property to change the border of an element to Hex E95A9E 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
#E95A9E }
```

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

```
.border{ border-color:#E95A9E }
```

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

Here you see how a box with a 4 pixel #E95A9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E95A9E; -webkit-box-shadow:4px 4px  
4px 4px #E95A9E; box-shadow:4px 4px 4px  
4px #E95A9E }
```

# Background

The CSS property to change the background color of an element to Hex E95A9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E95A9E }
```

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

```
.background{ background-color:#E95A9E }
```

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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