

# Converting Colors

Hex(ED85A9)

Have a look what the booklet for  
Hex(ED85A9) contains.

<b>Hex(ED85A9)</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(ED85A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED85A9
RGB	237, 133, 169
RGB Percent	93%, 52%, 66%
CMY	0.0706, 0.4784, 0.3373
CMYK	0.00, 0.44, 0.29, 0.07
HSL	339°, 74%, 73%
HSV	339°, 44%, 93%
XYZ	50.4740, 37.6442, 42.1419
YIQ	168.2000, 50.4280, 33.2440

# Conversions

## Conversions Part 2

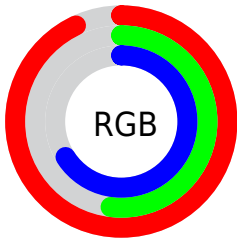
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 133, 169
Decimal	15566249
CIE Lab	67.76, 43.87, -1.34
CIE LCh	68, 43.896, 358.247
Yxy	37.6442, 0.3875, 0.2890
Android (android.graphics.Color)	4293756329 (0xFFED85A9)
YUV	168.2000, 0.3944, 60.3376
Hunter-Lab	61.3548, 39.4734, 2.2247

# Details

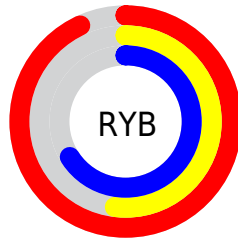
The Hex color **ED85A9** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85EDC9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBCE0**, and **B35075** is the 20% darker color. If you saturate the color by 10%, you get **ED6D9A**, and if you desaturate by 10%, it is **ED9DB8**.

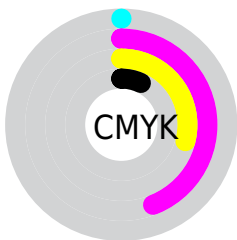
# Distribution



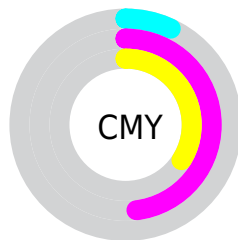
- Red (93%)
- Green (52%)
- Blue (66%)



- Red (93%)
- Yellow (52%)
- Blue (66%)



- Cyan (0%)
- Magenta (44%)
- Yellow (29%)
- Black (7%)



- Cyan (7%)
- Magenta (48%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED85A9 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 ED85A9 by changing the saturation by 10% instead.



 ED85A9

 ED85A9

FFFFFF

 D06A8F

 FFBCE0

 B35075

 FFD8FD

 96365C

 FFF5FF

 7B1B45

 5F002F

 45001A

 2E0002

 000000

 ED85A9

 ED85A9

 ED6D9A

 ED9DB8

 ED568A

 EDB4C8

 ED3E7B

 EDCCD7

 ED266B

 EDE4E7

 ED0F5C

 EDFBF6

 ED0052

 EDFFFF

# Harmonies

## Analogous

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



D48DCF



ED85A9



EF8882

# Triad

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



ED85A9



97AE5D



00B4E8

# Complementary

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



ED85A9



85EDC9

# 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.



00B9C9



ED85A9



67B67A

# Square

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



ED85A9



C0A254



17B9A1



5FAAF4

# Rectangle

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



ED85A9



E68F6C



17B9A1



00B6DF



# Sweetspot

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



ED85A9



FFDEE9



C985ED



806B72



000000



808080



# Same Dimension

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



ED85A9



FF78A7



ED9585



756A6E



B5003F



360013



# Inverse Universe

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



ED85A9



FF78A7



85DDED



756A6E



B5003F

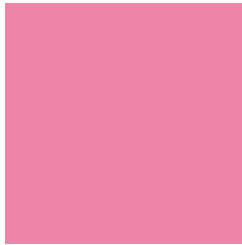


360013



# Previews

## White Background



This preview shows how the Hex color ED85A9 looks on a white background.

## Color Contrast Check

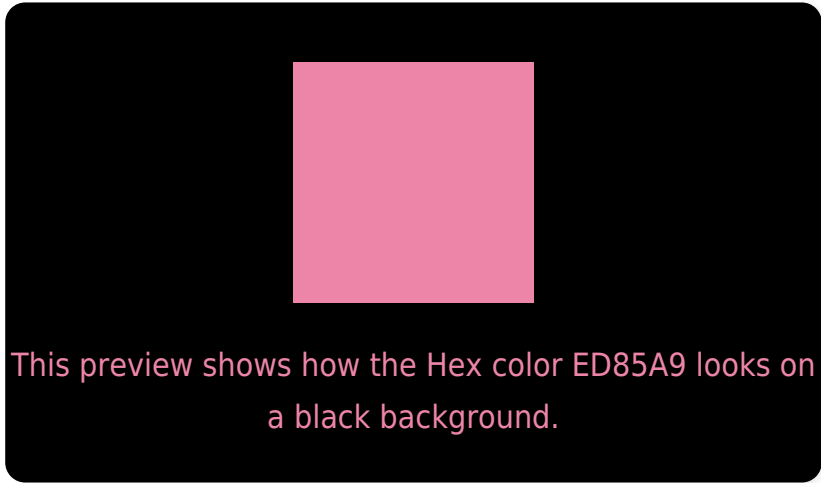
Large Text (above 18pt) WCAG AA × Fail

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 ED85A9 Background



This preview shows how black text looks on a background with the Hex color ED85A9.

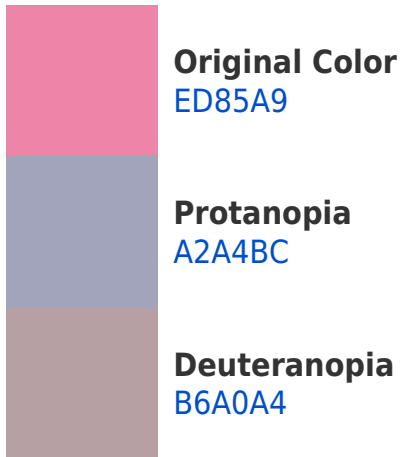


This preview shows how white text looks on a background with the Hex color ED85A9.

# 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**  
EB8993

# Trichromacy



**Original Color**  
ED85A9



**Protanomaly**  
BD99B5



**Deuteranomaly**  
CA96A6

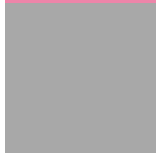


**Tritanomaly**  
EC889B

# Monochromacy



**Original Color**  
ED85A9



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
C19BA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED85A9 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 #ED85A9 looks like.

```
.text, #text, p{  
    color:#ED85A9  
}
```

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 #ED85A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED85A9
}
```

## Border

The CSS property to change the border of an element to Hex ED85A9 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
#ED85A9 }
```

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

```
.border{ border-color:#ED85A9 }
```

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

Here you see how a box with a 4 pixel #ED85A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED85A9; -webkit-box-shadow:4px 4px  
4px 4px #ED85A9; box-shadow:4px 4px 4px  
4px #ED85A9 }
```

# Background

The CSS property to change the background color of an element to Hex ED85A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED85A9 }
```

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

```
.background{ background-color:#ED85A9 }
```

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