

# Converting Colors

Hex(E8949A)

Have a look what the booklet for  
Hex(E8949A) contains.

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**Color**

**Hex(E8949A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8949A
RGB	232, 148, 154
RGB Percent	91%, 58%, 60%
CMY	0.0902, 0.4196, 0.3961
CMYK	0.00, 0.36, 0.34, 0.09
HSL	356°, 65%, 75%
HSV	356°, 36%, 91%
XYZ	49.7014, 40.6687, 35.8021
YIQ	173.8000, 48.1380, 19.6740

# Conversions

## Conversions Part 2

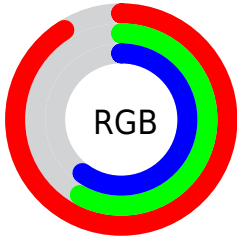
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 148, 154
Decimal	15242394
CIE Lab	69.94, 32.38, 10.14
CIE LCh	70, 33.927, 17.382
Yxy	40.6687, 0.3939, 0.3223
Android (android.graphics.Color)	4293432474 (0xFFE8949A)
YUV	173.8000, -9.7614, 51.0414
Hunter-Lab	63.7720, 27.5147, 11.3545

# Details

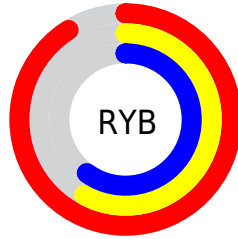
The Hex color **E8949A** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94E8E2**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCBD0**, and **AE6067** is the 20% darker color. If you saturate the color by 10%, you get **E87D84**, and if you desaturate by 10%, it is **E8ABB0**.

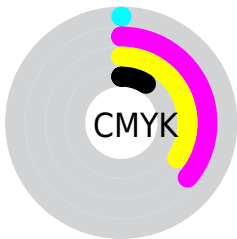
# Distribution



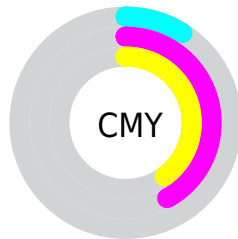
- Red (91%)
- Green (58%)
- Blue (60%)



- Red (91%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (36%)
- Yellow (34%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8949A 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 E8949A by changing the saturation by 10% instead.



 E8949A

 E8949A

FFFFFF

 CB7A80

 FFCBD0

 AE6067

 FFE7ED

 92474F

 772F38

 5C1623

 42000D

 2C0001

 000000

 E8949A

 E8949A

 E87D84

 E8ABBO

 E8666F

 E8C2C5

 E84E59

 E8DADB

 E83744

 E8F1F0

 E8202E

 E8FFFF

 E80919

 E80011

# Harmonies

## Analogous

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



DF95B9



E8949A



E09A7F

# Triad

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



E8949A



8BB680



6CB2E6

# Complementary

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



E8949A



94E8E2

# 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.



43B9D7



E8949A



65BB9C

# Square

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



E8949A



AEAF6F



44BCBC



9CA8E5

# Rectangle

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



E8949A



D4A173



44BCBC



5CB4E3



# Sweetspot

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



E8949A



FFE3E5



E194E8



806F70



000000



808080



# Same Dimension

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



E8949A



FF9199



E8B794



736768



B3000D



330004



# Inverse Universe

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



E8949A



FF9199



94C5E8



736768



B3000D

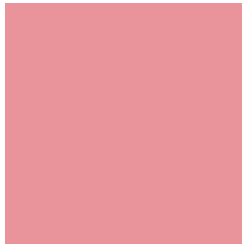


330004



# Previews

## White Background



This preview shows how the Hex color E8949A looks on a white background.

## Color Contrast Check

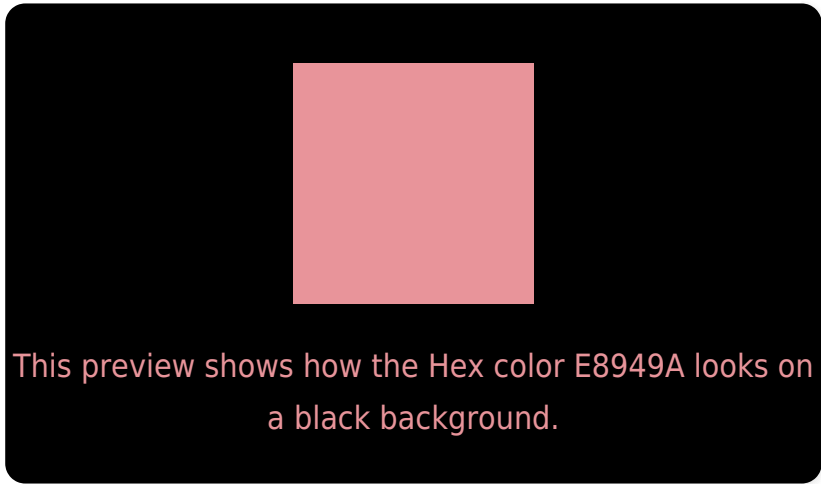
Large Text (above 18pt) WCAG AA × Fail

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 E8949A Background



This preview shows how black text looks on a background with the Hex color E8949A.

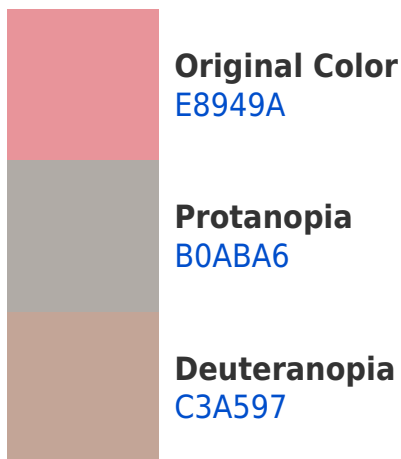


This preview shows how white text looks on a background with the Hex color E8949A.

# 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**  
E8939E

# Trichromacy



**Original Color**  
E8949A



**Protanomaly**  
C4A3A2



**Deuteranomaly**  
D09F98



**Tritanomaly**  
E8939D

# Monochromacy



**Original Color**  
E8949A



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
C3A5A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8949A 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 #E8949A looks like.

```
.text, #text, p{  
    color:#E8949A  
}
```

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 #E8949A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8949A
}
```

## Border

The CSS property to change the border of an element to Hex E8949A 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
#E8949A }
```

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

```
.border{ border-color:#E8949A }
```

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

Here you see how a box with a 4 pixel #E8949A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8949A; -webkit-box-shadow:4px 4px  
4px 4px #E8949A; box-shadow:4px 4px 4px  
4px #E8949A }
```

# Background

The CSS property to change the background color of an element to Hex E8949A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8949A }
```

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

```
.background{ background-color:#E8949A }
```

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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