

# Converting Colors

Hex(E9909B)

Have a look what the booklet for  
Hex(E9909B) contains.

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# **Color**

**Hex(E9909B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9909B
RGB	233, 144, 155
RGB Percent	91%, 56%, 61%
CMY	0.0863, 0.4353, 0.3922
CMYK	0.00, 0.38, 0.33, 0.09
HSL	353°, 67%, 74%
HSV	353°, 38%, 91%
XYZ	49.4939, 39.6367, 36.0524
YIQ	171.8650, 49.5130, 22.2890

# Conversions

## Conversions Part 2

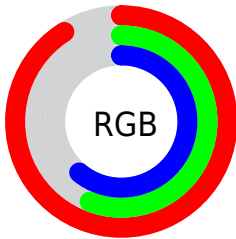
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 144, 155
Decimal	15306907
CIE Lab	69.21, 34.98, 8.55
CIE LCh	69, 36.006, 13.737
Yxy	39.6367, 0.3954, 0.3166
Android (android.graphics.Color)	4293496987 (0xFFE9909B)
YUV	171.8650, -8.3144, 53.6154
Hunter-Lab	62.9577, 30.1511, 10.1183

# Details

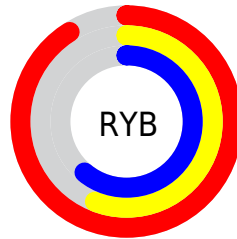
The Hex color **E9909B** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90E9DE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFC7D1**, and **AF5C68** is the 20% darker color. If you saturate the color by 10%, you get **E97987**, and if you desaturate by 10%, it is **E9A7AF**.

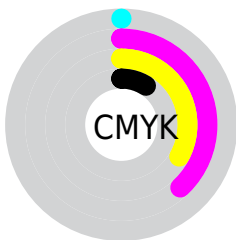
# Distribution



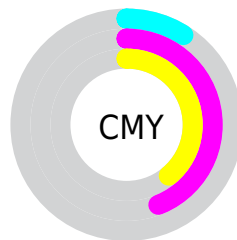
- Red (91%)
- Green (56%)
- Blue (61%)



- Red (91%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (38%)
- Yellow (33%)
- Black (9%)



- Cyan (9%)
- Magenta (44%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E9909B 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 E9909B by changing the saturation by 10% instead.



 E9909B

 E9909B

FFFFFF

 CC7681

 FFC7D1

 AF5C68

 FFE3EE

 934350

 772A39

 5C1024

 42000E

 2C0001

 000000

 E9909B

 E9909B

 E97987

 E9A7AF

 E96172

 E9BFC4

 E94A5E

 E9D6D8

 E93349

 E9EDED

 E91B35

 E9FFFF

 E90420

 E9001D

# Harmonies

## Analogous

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



DE92BC



E9909B



E3967D

# Triad

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



E9909B



8BB479



5CB1E7

# Complementary

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



E9909B



90E9DE

# 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.



2DB8D5



E9909B



63B996

# Square

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



E9909B



B0AC69



38BBB7



93A7E8

# Rectangle

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



E9909B



D69D6F



38BBB7



4AB4E3



# Sweetspot

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



E9909B



FFE3E6



DD90E9



806F71



000000



808080



# Same Dimension

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



E9909B



FF8A98



E9B190



756A6B



B50016



360007



# Inverse Universe

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



E9909B



FF8A98



90C8E9



756A6B



B50016



360007



# Previews

## White Background



This preview shows how the Hex color E9909B 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 E9909B Background



This preview shows how black text looks on a background with the Hex color E9909B.

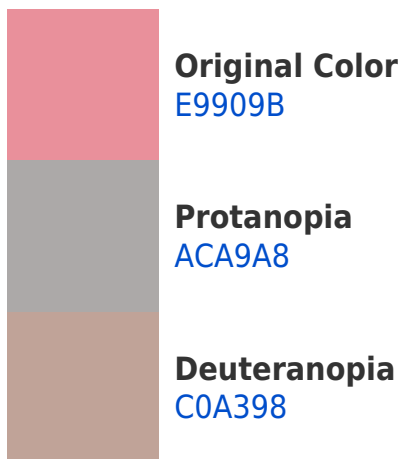


This preview shows how white text looks on a background with the Hex color E9909B.

# 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**  
E9909B

# Trichromacy



**Original Color**  
E9909B



**Protanomaly**  
C2A0A3



**Deuteranomaly**  
CF9C99



**Tritanomaly**  
E9909B

# Monochromacy



**Original Color**  
E9909B



**Achromatopsia**  
ACACAC



**Achromatomaly**  
C2A2A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E9909B 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 #E9909B looks like.

```
.text, #text, p{  
    color:#E9909B  
}
```

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 #E9909B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E9909B
}
```

## Border

The CSS property to change the border of an element to Hex E9909B is called "border". The border property can be set on classes, ids or directly on the HTML element.

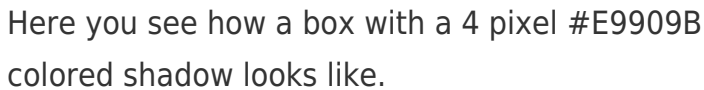
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E9909B }
```

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

```
.border{ border-color:#E9909B }
```

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



Here you see how a box with a 4 pixel #E9909B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E9909B; -webkit-box-shadow:4px 4px  
4px 4px #E9909B; box-shadow:4px 4px 4px  
4px #E9909B }
```

# Background

The CSS property to change the background color of an element to Hex E9909B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E9909B }
```

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

```
.background{ background-color:#E9909B }
```

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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