

# Converting Colors

Hex(948E9B)

Have a look what the booklet for  
Hex(948E9B) contains.

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# Color

Hex(948E9B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	948E9B
RGB	148, 142, 155
RGB Percent	58%, 56%, 61%
CMY	0.4196, 0.4431, 0.3922
CMYK	0.05, 0.08, 0.00, 0.39
HSL	268°, 6%, 58%
HSV	268°, 8%, 61%
XYZ	27.8021, 28.0085, 34.9512
YIQ	145.2760, -0.5970, 5.3150

# Conversions

## Conversions Part 2

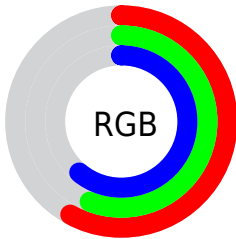
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 142, 155
Decimal	9735835
CIE Lab	59.90, 4.77, -6.08
CIE LCh	60, 7.730, 308.082
Yxy	28.0085, 0.3063, 0.3086
Android (android.graphics.Color)	4287925915 (0xFF948E9B)
YUV	145.2760, 4.7939, 2.3889
Hunter-Lab	52.9230, 1.1564, -2.1099

# Details

The Hex color **948E9B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **959B8E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **CAC4D1**, and **615C68** is the 20% darker color. If you saturate the color by 10%, you get **8C7F9B**, and if you desaturate by 10%, it is **9C9E9B**.

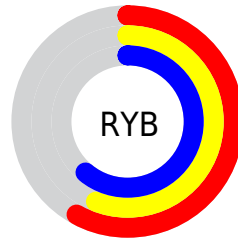
# Distribution



Red (58%)

Green (56%)

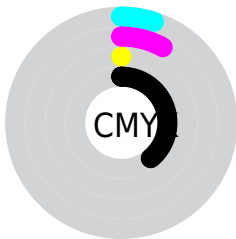
Blue (61%)



Red (58%)

Yellow (56%)

Blue (61%)

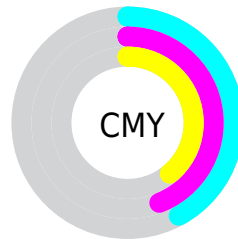


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (39%)



Cyan (42%)

Magenta (44%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 948E9B 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 948E9B by changing the saturation by 10% instead.





948E9B



948E9B

FFFFFF



7A7481



CAC4D1



615C68



E6E0EE



4A4450



FFFCFF



332E39



1E1923



04000E



000000



948E9B



948E9B



8C7F9B



9C9E9B

836F9B

A5AD9B

7B609B

ADBD9B

73509B

B5CC9B

6A419B

BEDC9B

62319B

C6EB9B

5A229B

CEFB9B

51129B

D7FF9B

49039B

DFFF9B

# Harmonies

## Analogous

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



8C909E



948E9B



9B8C96

# Triad

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



948E9B



9B8E84



809492

# Complementary

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



948E9B



959B8E

# 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.



85948B



948E9B



949083

# Square

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



948E9B



9F8C88



8C9286



809498

# Rectangle

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



948E9B



9E8C91



8C9286



819490



# Sweetspot

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



948E9B



C6C3C9



8E959B



646266



E6E6E6



666666



# Same Dimension

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



948E9B



BFB5C9



9A8E9B



48454D



41008C



06000D



# Inverse Universe

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



9B8E95



C9B5C0



8F9B8E



4D4549



8C004C



0D0007



# Previews

## White Background



This preview shows how the Hex color 948E9B looks on a white background.

## Color Contrast Check

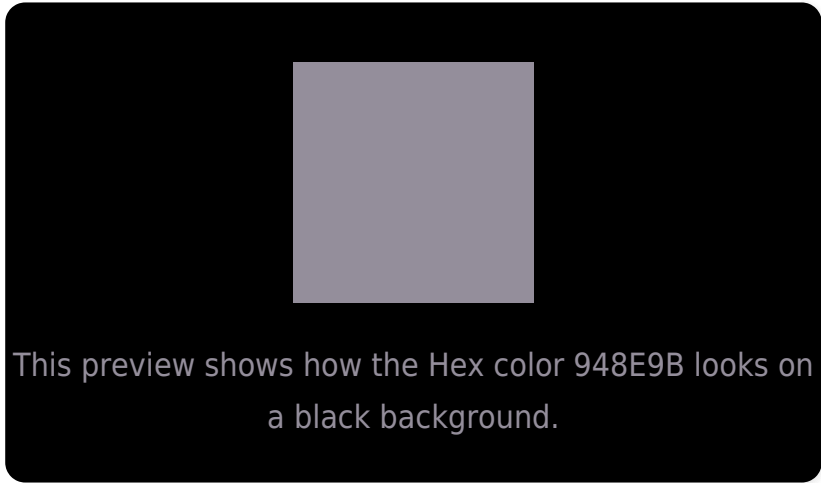
Large Text (above 18pt) WCAG AA ✓ Pass

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

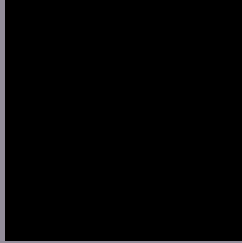
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

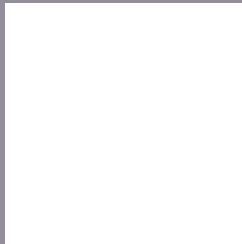
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 948E9B Background



This preview shows how black text looks on a background with the Hex color 948E9B.

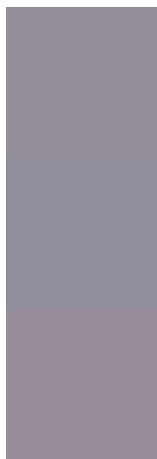


This preview shows how white text looks on a background with the Hex color 948E9B.

# 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



**Original Color**  
948E9B

**Protanopia**  
8F8F9C

**Deuteranopia**  
998C9B



**Tritanopia**  
948E99

# Trichromacy



**Original Color**

948E9B

**Protanomaly**

918F9C

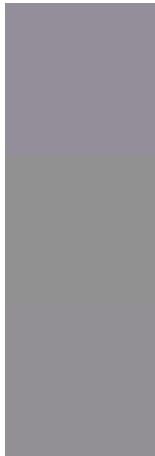
**Deuteranomaly**

978D9B

**Tritanomaly**

948E9A

# Monochromacy



**Original Color**

948E9B

**Achromatopsia**

919191

**Achromatomaly**

929095

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 948E9B 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 #948E9B looks like.

```
.text, #text, p{  
    color:#948E9B  
}
```

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 #948E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948E9B
}
```

## Border

The CSS property to change the border of an element to Hex 948E9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

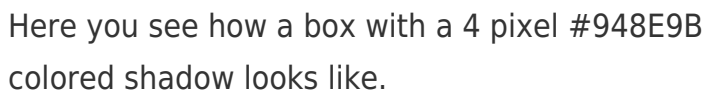
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#948E9B }
```

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

```
.border{ border-color:#948E9B }
```

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



Here you see how a box with a 4 pixel #948E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948E9B; -webkit-box-shadow:4px 4px  
4px 4px #948E9B; box-shadow:4px 4px 4px  
4px #948E9B }
```

# Background

The CSS property to change the background color of an element to Hex 948E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948E9B }
```

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

```
.background{ background-color:#948E9B }
```

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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