

# Converting Colors

Hex(98949F)

Have a look what the booklet for  
Hex(98949F) contains.

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# **Color**

**Hex(98949F)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 98949F                    |
| RGB         | 152, 148, 159             |
| RGB Percent | 60%, 58%, 62%             |
| CMY         | 0.4039, 0.4196, 0.3765    |
| CMYK        | 0.04, 0.07, 0.00, 0.38    |
| HSL         | 262°, 5%, 60%             |
| HSV         | 262°, 7%, 62%             |
| XYZ         | 29.7968, 30.3584, 37.0902 |
| YIQ         | 150.4500, -1.1470, 4.2690 |

# Conversions

## Conversions Part 2

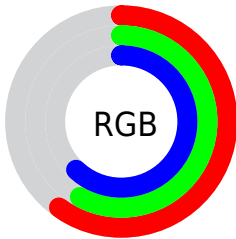
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 152, 148, 159               |
| Decimal                             | 9999519                     |
| CIE Lab                             | 61.96, 3.62, -5.26          |
| CIE LCh                             | 62, 6.385, 304.517          |
| Yxy                                 | 30.3584, 0.3064,<br>0.3122  |
| Android<br>(android.graphics.Color) | 4288189599<br>(0xFF98949F)  |
| YUV                                 | 150.4500, 4.2152,<br>1.3594 |
| Hunter-Lab                          | 55.0985, 0.1090,<br>-1.3428 |

# Details

The Hex color **98949F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9B9F94**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CECAD6**, and **65616C** is the 20% darker color. If you saturate the color by 10%, you get **8E849F**, and if you desaturate by 10%, it is **A2A49F**.

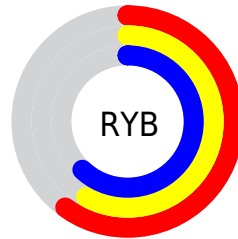
# Distribution



Red (60%)

Green (58%)

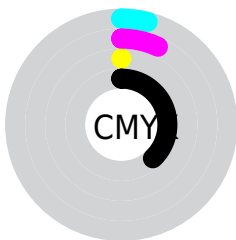
Blue (62%)



Red (60%)

Yellow (58%)

Blue (62%)

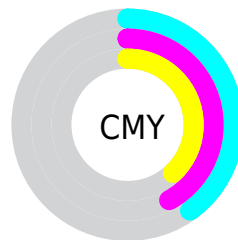


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (38%)



Cyan (40%)

Magenta (42%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98949F 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 98949F by changing the saturation by 10% instead.



■ 98949F

■ 98949F

FFFFFF

■ 7E7A85

■ CECAD6

■ 65616C

■ EAE6F2

■ 4D4A53

■ 36333C

■ 211E27

■ 0B0512

■ 000000

■ 98949F

■ 98949F

■ 8E849F

■ A2A49F

84749F

ACB49F

7A649F

B6C49F

70549F

C0D49F

65459F

CBE49F

5B359F

D5F39F

51259F

DFFF9F

47159F

E9FF9F

3D059F

F3FF9F

# Harmonies

## Analogous

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



9196A1



98949F



9E939B

# Triad

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



98949F



9F948C



899996

# Complementary

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



98949F



9B9F94

# 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.



8D9991



98949F



9A968A

# Square

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



98949F



A29290



93978C



88999C

# Rectangle

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



98949F



A19297



93978C



8A9994



# Sweetspot

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



98949F



CCCACF



949B9F



676669



E8E8E8



696969



# Same Dimension

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



98949F



C4BECF



9D949F



4A474F



34008F



06000F



# Inverse Universe

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



9F949B



CFBEC9



969F94



4F474C



8F005B



0F000A



# Previews

## White Background



This preview shows how the Hex color 98949F looks on a white background.

## Color Contrast Check

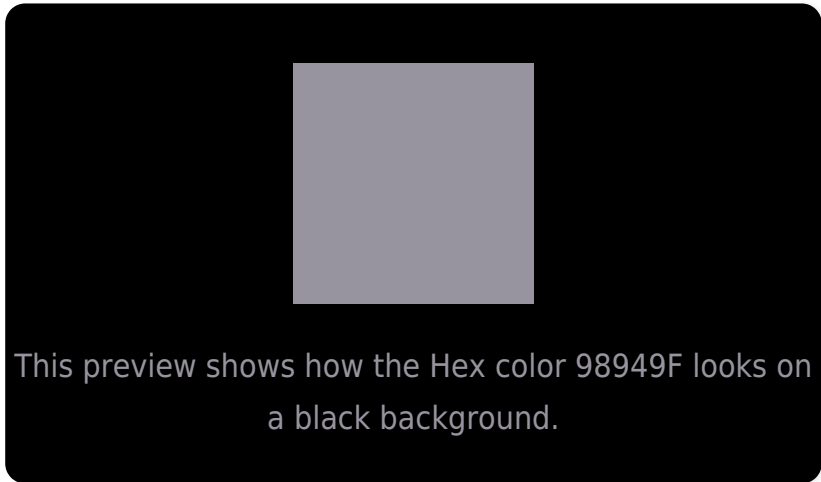
Large Text (above 18pt) WCAG AA × Fail

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

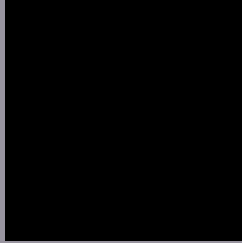
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

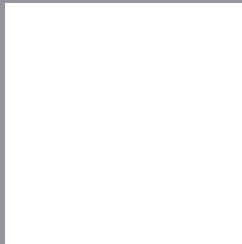
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98949F Background



This preview shows how black text looks on a background with the Hex color 98949F.

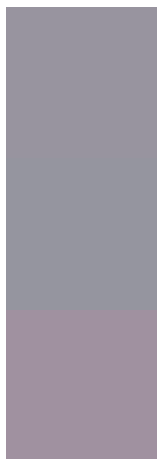


This preview shows how white text looks on a background with the Hex color 98949F.

# 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**  
98949F

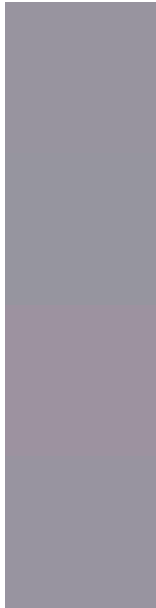
**Protanopia**  
95959F

**Deuteranopia**  
A091A0



**Tritanopia**  
9894A0

# Trichromacy



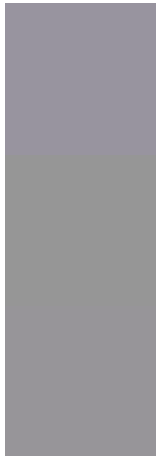
**Original Color**  
98949F

**Protanomaly**  
96959F

**Deuteranomaly**  
9D92A0

**Tritanomaly**  
9894A0

# Monochromacy



**Original Color**  
98949F

**Achromatopsia**  
969696

**Achromatomaly**  
979599

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98949F 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 #98949F looks like.

```
.text, #text, p{  
    color:#98949F  
}
```

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 #98949F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98949F
}
```

## Border

The CSS property to change the border of an element to Hex 98949F is called "border". The border property can be set on classes, ids or directly on the HTML element.

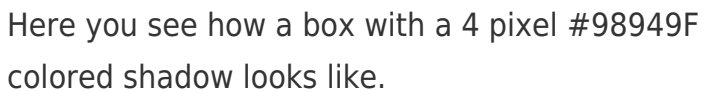
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98949F }
```

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

```
.border{ border-color:#98949F }
```

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



Here you see how a box with a 4 pixel #98949F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98949F; -webkit-box-shadow:4px 4px  
4px 4px #98949F; box-shadow:4px 4px 4px  
4px #98949F }
```

# Background

The CSS property to change the background color of an element to Hex 98949F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98949F }
```

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

```
.background{ background-color:#98949F }
```

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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