

# Converting Colors

Hex(999698)

Have a look what the booklet for  
Hex(999698) contains.

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# **Color**

**Hex(999698)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	999698
RGB	153, 150, 152
RGB Percent	60%, 59%, 60%
CMY	0.4000, 0.4118, 0.4039
CMYK	0.00, 0.02, 0.01, 0.40
HSL	320°, 1%, 59%
HSV	320°, 2%, 60%
XYZ	29.7107, 30.8520, 34.0949
YIQ	151.1250, 1.1460, 1.2580

# Conversions

## Conversions Part 2

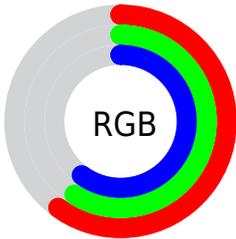
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 150, 152
Decimal	10065560
CIELab	62.38, 1.48, -0.67
CIELCh	62, 1.624, 335.622
Yxy	30.8520, 0.3139, 0.3259
Android (android.graphics.Color)	4288255640 (0xFF999698)
YUV	151.1250, 0.4314, 1.6444
Hunter-Lab	55.5446, -1.7236, 2.4873

# Details

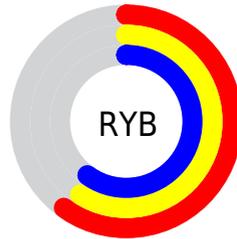
The Hex color **999698** is a light color, and the websafe version is hex **999999**. A complement of this color would be **969997**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CFCCCE**, and **666365** is the 20% darker color. If you saturate the color by 10%, you get **998793**, and if you desaturate by 10%, it is **99A59D**.

# Distribution



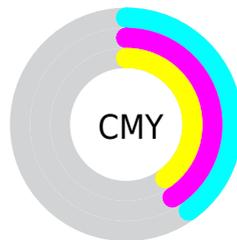
- Red (60%)
- Green (59%)
- Blue (60%)



- Red (60%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999698 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 999698 by changing the saturation by 10% instead.

■ 999698

■ 999698

FFFFFF

■ 7F7C7E

■ CFCCCE

■ 666365

■ ECE8EA

■ 4E4B4D

■ 373537

■ 222021

■ 0C080A

■ 000000

■ 999698

■ 999698

■ 998793

■ 99A59D

99778E

99B5A2

996889

99C4A7

995984

99D3AC

994A7F

99E3B1

993A79

99F2B7

992B74

99FFBC

991C6F

99FFC1

990C6A

99FFC6

# Harmonies

## Analogous

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



979699



999698



9A9697

# Triad

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



999698



989794



939898

# Complementary

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



999698



969997

# 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.



949897



999698



969794

# Square

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



999698



999694



959896



949799

# Rectangle

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



999698



9A9696



959896



939898

# Sweetspot

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



999698



C7C5C6



979699



636263



E3E3E3



636363



# Same Dimension

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



999698



C7C3C6



999697



4D4B4C



8C005E



0D0009



# Inverse Universe

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



999698



C7C3C6



969999



4D4B4C



8C005E



0D0009



# Previews

## White Background



This preview shows how the Hex color 999698 looks on a white background.

## Color Contrast Check

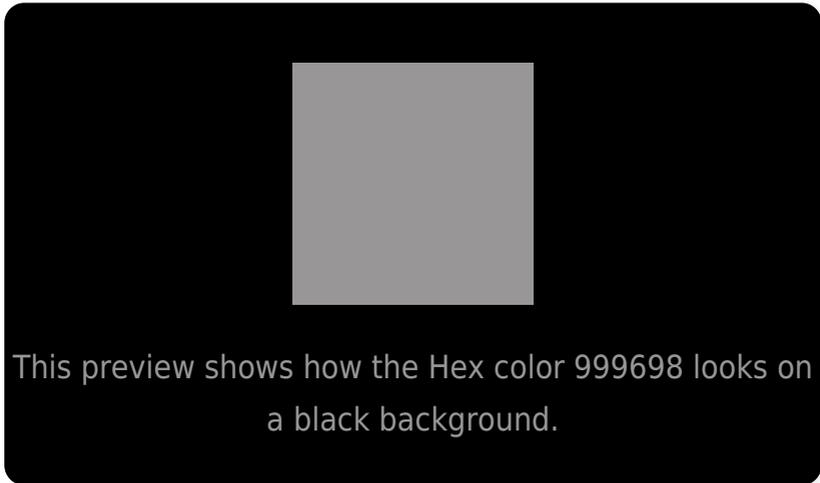
Large Text (above 18pt) WCAG AA × Fail

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

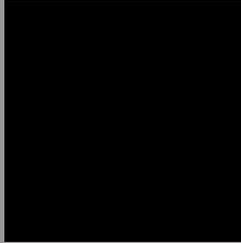
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

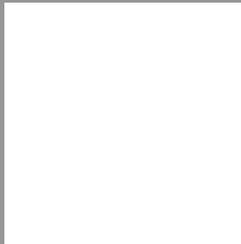
Any Text WCAG AAA ✓ Pass

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

## Hex 999698 Background



This preview shows how black text looks on a background with the Hex color 999698.



This preview shows how white text looks on a background with the Hex color 999698.

# 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](#).

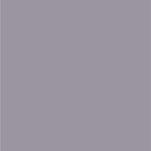
## Dichromacy



**Original Color**  
999698

**Protanopia**  
999698

**Deuteranopia**  
A49299



**Tritanopia**  
9A95A0

# Trichromacy



**Original Color**  
999698

**Protanomaly**  
999698

**Deuteranomaly**  
A09399

**Tritanomaly**  
9A959D

# Monochromacy



**Original Color**  
999698

**Achromatopsia**  
979797

**Achromatomaly**  
989797

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999698 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 #999698 looks like.

```
.text, #text, p{  
    color:#999698  
}
```

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 #999698 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999698  
}
```

## Border

The CSS property to change the border of an element to Hex 999698 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  
#999698 }
```

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

```
.border{ border-color:#999698 }
```

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

Here you see how a box with a 4 pixel #999698 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999698; -webkit-box-shadow:4px 4px  
4px 4px #999698; box-shadow:4px 4px 4px  
4px #999698 }
```

# Background

The CSS property to change the background color of an element to Hex 999698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999698 }
```

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

```
.background{ background-color:#999698 }
```

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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