

# Converting Colors

Hex(97989C)

Have a look what the booklet for  
Hex(97989C) contains.

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# **Color**

**Hex(97989C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97989C
RGB	151, 152, 156
RGB Percent	59%, 60%, 61%
CMY	0.4078, 0.4039, 0.3882
CMYK	0.03, 0.03, 0.00, 0.39
HSL	228°, 2%, 60%
HSV	228°, 3%, 61%
XYZ	29.9915, 31.4361, 35.9395
YIQ	152.1570, -1.8800, 1.0320

# Conversions

## Conversions Part 2

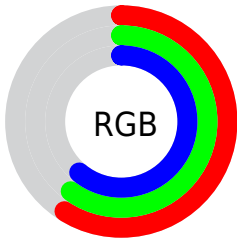
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 152, 156</a>
Decimal	<a href="#">9935004</a>
CIELab	<a href="#">62.87, 0.43, -2.23</a>
CIELCh	<a href="#">63, 2.269, 280.816</a>
Yxy	<a href="#">31.4361, 0.3080, 0.3229</a>
Android (android.graphics.Color)	<a href="#">4288125084 (0xFF97989C)</a>
YUV	<a href="#">152.1570, 1.8946, -1.0147</a>
Hunter-Lab	<a href="#">56.0679, -2.6367, 1.2426</a>

# Details

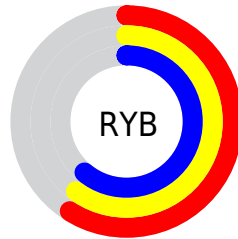
The Hex color **97989C** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9C9B97**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **CDCED2**, and **646569** is the 20% darker color. If you saturate the color by 10%, you get **878C9C**, and if you desaturate by 10%, it is **A7A49C**.

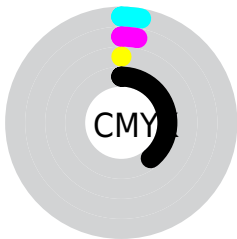
# Distribution



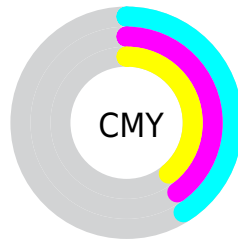
- Red (59%)
- Green (60%)
- Blue (61%)



- Red (59%)
- Yellow (60%)
- Blue (61%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (41%)
- Magenta (40%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97989C 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 97989C by changing the saturation by 10% instead.



■ 97989C

■ 97989C

FFFFFF

■ 7D7E82

■ CDCED2

■ 646569

■ E9EAEF

■ 4C4D51

■ 36373A

■ 202124

■ 090A0F

■ 000000

■ 97989C

■ 97989C

■ 878C9C

■ A7A49C

787F9C

B6B19C

68739C

C6BD9C

59669C

D5CA9C

495A9C

E5D69C

394D9C

F5E39C

2A419C

FFE99C

1A349C

FFFC9C

0B289C

FFFF9C

# Harmonies

## Analogous

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



95999C



97989C



99979B

# Triad

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



97989C



9C9796



959997

# Complementary

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



97989C



9C9B97

# 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.



979995



97989C



9B9894

# Square

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



97989C



9D9797



999894



939999

# Rectangle

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



97989C



9B979A



999894



959996



# Sweetspot

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



97989C



CACACC



979C9B



656566



E6E6E6



666666

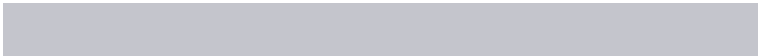


# Same Dimension

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



97989C



C4C5CC



99979C



4B4C4F



001D8F



00030F



# Inverse Universe

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



9C9798



CCC4C5



9B9C97



4F4B4C



8F001D



0F0003



# Previews

## White Background



This preview shows how the Hex color 97989C looks on a white background.

## Color Contrast Check

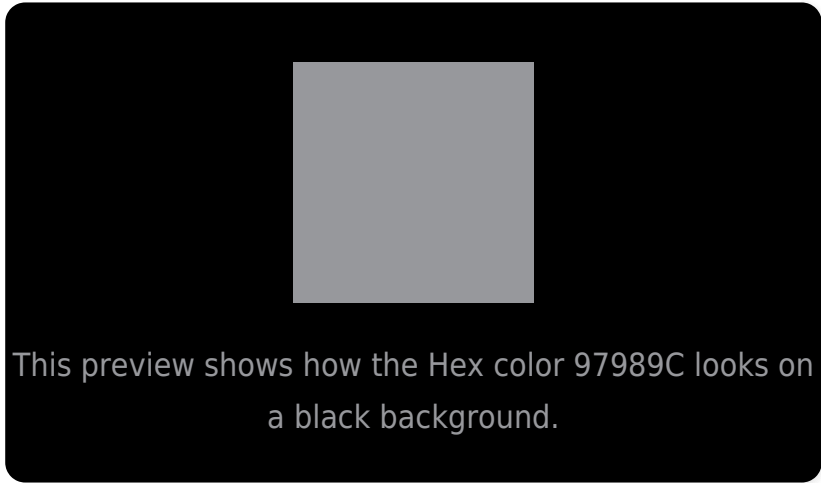
Large Text (above 18pt) WCAG AA × Fail

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

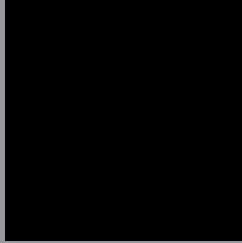
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

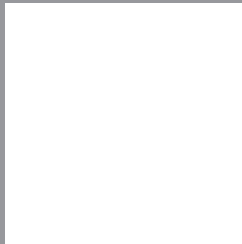
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97989C Background



This preview shows how black text looks on a background with the Hex color 97989C.



This preview shows how white text looks on a background with the Hex color 97989C.

# 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**

97989C

**Protanopia**

9A979C

**Deuteranopia**

A4939D



**Tritanopia**  
9897A3

# Trichromacy



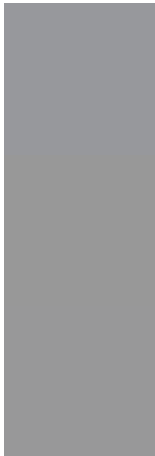
**Original Color**  
97989C

**Protanomaly**  
99979C

**Deuteranomaly**  
9F959D

**Tritanomaly**  
9897A0

# Monochromacy



**Original Color**  
97989C

**Achromatopsia**  
989898

**Achromatomaly**  
989899

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97989C 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 #97989C looks like.

```
.text, #text, p{  
    color:#97989C  
}
```

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 #97989C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97989C
}
```

## Border

The CSS property to change the border of an element to Hex 97989C is called "border". The border property can be set on classes, ids or directly on the HTML element.

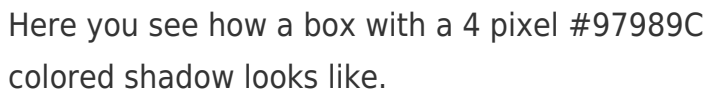
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97989C }
```

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

```
.border{ border-color:#97989C }
```

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



Here you see how a box with a 4 pixel #97989C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97989C; -webkit-box-shadow:4px 4px  
4px 4px #97989C; box-shadow:4px 4px 4px  
4px #97989C }
```

# Background

The CSS property to change the background color of an element to Hex 97989C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97989C }
```

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

```
.background{ background-color:#97989C }
```

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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