

# Converting Colors

Hex(97999A)

Have a look what the booklet for  
Hex(97999A) contains.

|  |    |
|--|----|
| <b>Hex(97999A)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(97999A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 97999A                     |
| RGB           | 151, 153, 154              |
| RGB Percent   | 59%, 60%, 60%              |
| CMY           | 0.4078, 0.4000, 0.3961     |
| CMYK          | 0.02, 0.01, 0.00, 0.40     |
| HSL           | 200°, 1%, 60%              |
| HSV           | 200°, 2%, 60%              |
| XYZ           | 29.9865, 31.6949, 35.1091  |
| YIQ           | 152.5160, -1.5130, -0.1130 |

# Conversions

## Conversions Part 2

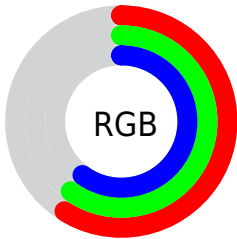
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">151, 152, 154</a>               |
| Decimal                             | <a href="#">9935258</a>                     |
| CIELab                              | <a href="#">63.09, -0.52, -0.78</a>         |
| CIELCh                              | <a href="#">63, 0.943, 236.276</a>          |
| Yxy                                 | <a href="#">31.6949, 0.3098, 0.3275</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4288125338<br/>(0xFF97999A)</a> |
| YUV                                 | <a href="#">152.5160, 0.7316, -1.3295</a>   |
| Hunter-Lab                          | <a href="#">56.2982, -3.4463, 2.4339</a>    |

# Details

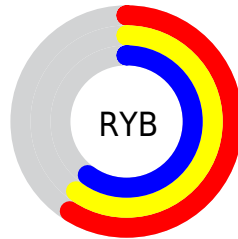
The Hex color **97999A** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9A9897**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CDCFD0**, and **646667** is the 20% darker color. If you saturate the color by 10%, you get **88949A**, and if you desaturate by 10%, it is **A69E9A**.

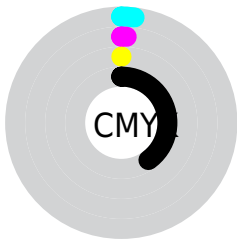
# Distribution



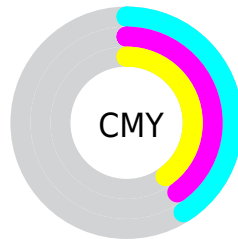
- Red (59%)
- Green (60%)
- Blue (60%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 97999A 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 97999A by changing the saturation by 10% instead.



■ 97999A

■ 97999A

FFFFFF

■ 7D7F80

■ CDCFD0

■ 646667

■ E9ECED

■ 4C4E4F

■ 363738

■ 202223

■ 090C0D

■ 000000

■ 97999A

■ 97999A

■ 88949A

■ A69E9A

788F9A

B6A39A

698A9A

C5A89A

59849A

D5AE9A

4A7F9A

E4B39A

3B7A9A

F3B89A

2B759A

FFBD9A

1C709A

FFC29A

0C6B9A

FFC79A

# Harmonies

## Analogous

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



979999



97999A



98999A

# Triad

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



97999A



9A9899



999997

# Complementary

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



97999A



9A9897

# 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.



9A9997



97999A



9B9898

# Square

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



97999A



9A989A



9A9897



989998

# Rectangle

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



97999A



98999A



9A9897



999997



# Sweetspot

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



97999A



C7C9C9



979A98



656666



E6E6E6



666666



# Same Dimension

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



97999A



C5C8C9



97989A



4B4C4D



005E8C



00080D



# Inverse Universe

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



9A9799



C9C5C8



9A9A97



4D4B4C



8C005D



0D0008



# Previews

## White Background



This preview shows how the Hex color 97999A looks on a white background.

## Color Contrast Check

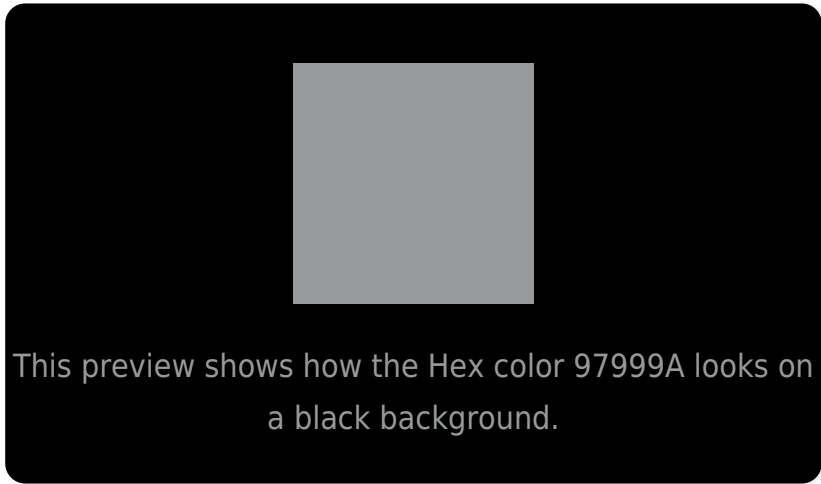
Large Text (above 18pt) WCAG AA × Fail

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

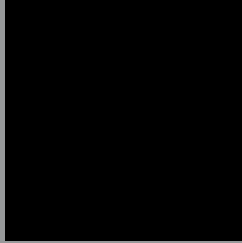
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

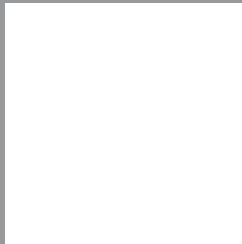
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97999A Background



This preview shows how black text looks on a background with the Hex color 97999A.



This preview shows how white text looks on a background with the Hex color 97999A.

# 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**  
97999A

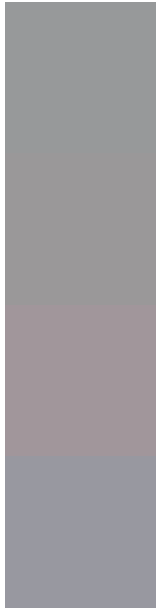
**Protanopia**  
9B9899

**Deuteranopia**  
A6949B



**Tritanopia**  
9898A4

# Trichromacy



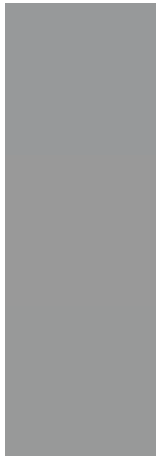
**Original Color**  
97999A

**Protanomaly**  
9A9899

**Deuteranomaly**  
A1969B

**Tritanomaly**  
9898A0

# Monochromacy



**Original Color**  
97999A

**Achromatopsia**  
999999

**Achromatomaly**  
989999

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97999A 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 #97999A looks like.

```
.text, #text, p{  
    color:#97999A  
}
```

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 #97999A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97999A
}
```

## Border

The CSS property to change the border of an element to Hex 97999A 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
#97999A }
```

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

```
.border{ border-color:#97999A }
```

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

Here you see how a box with a 4 pixel #97999A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97999A; -webkit-box-shadow:4px 4px  
4px 4px #97999A; box-shadow:4px 4px 4px  
4px #97999A }
```

# Background

The CSS property to change the background color of an element to Hex 97999A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97999A }
```

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

```
.background{ background-color:#97999A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor