

# Converting Colors

Hex(97979B)

Have a look what the booklet for  
Hex(97979B) contains.

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# **Color**

**Hex(97979B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97979B
RGB	151, 151, 155
RGB Percent	59%, 59%, 61%
CMY	0.4078, 0.4078, 0.3922
CMYK	0.03, 0.03, 0.00, 0.39
HSL	240°, 2%, 60%
HSV	240°, 3%, 61%
XYZ	29.7455, 31.0791, 35.4415
YIQ	151.4560, -1.2840, 1.2440

# Conversions

## Conversions Part 2

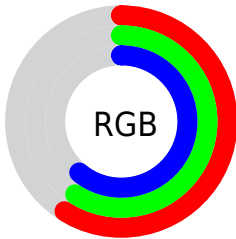
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 151, 155</a>
Decimal	<a href="#">9934747</a>
CIELab	<a href="#">62.57, 0.78, -2.10</a>
CIELCh	<a href="#">63, 2.246, 290.446</a>
Yxy	<a href="#">31.0791, 0.3090, 0.3228</a>
Android (android.graphics.Color)	<a href="#">4288124827 (0xFF97979B)</a>
YUV	<a href="#">151.4560, 1.7472, -0.3999</a>
Hunter-Lab	<a href="#">55.7486, -2.3188, 1.3312</a>

# Details

The Hex color **97979B** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9B9B97**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CDCDD1**, and **646468** is the 20% darker color. If you saturate the color by 10%, you get **88889B**, and if you desaturate by 10%, it is **A7A79B**.

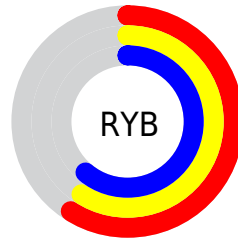
# Distribution



Red (59%)

Green (59%)

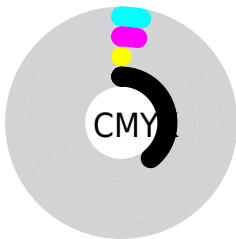
Blue (61%)



Red (59%)

Yellow (59%)

Blue (61%)

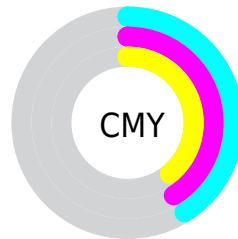


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (39%)



Cyan (41%)

Magenta (41%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97979B 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 97979B by changing the saturation by 10% instead.



■ 97979B

■ 97979B

FFFFFF

■ 7D7D81

■ CDCDD1

■ 646468

■ E9E9EE

■ 4C4C50

■ 363639

■ 202024

■ 09090E

■ 000000

■ 97979B

■ 97979B

■ 88889B

■ A7A79B

78789B

B6B69B

69699B

C6C69B

59599B

D5D59B

4A4A9B

E5E59B

3A3A9B

F4F49B

2A2A9B

FFFF9B

1B1B9B

0C0C9B

# Harmonies

## Analogous

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



95989B



97979B



99969A

# Triad

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



97979B



9B9694



939997

# Complementary

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



97979B



9B9B97

# 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.



959895



97979B



9A9793

# Square

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



97979B



9C9696



989894



939999

# Rectangle

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



97979B



9B9699



989894



949896



# Sweetspot

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



97979B



C7C7C9



979B9B



656566



E6E6E6



666666

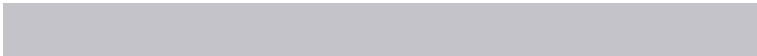


# Same Dimension

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



97979B



C3C3C9



99979B



49494D



00008C



00000D



# Inverse Universe

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



9B979B



C9C3C9



999B97



4D494D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 97979B looks on a white background.

## Color Contrast Check

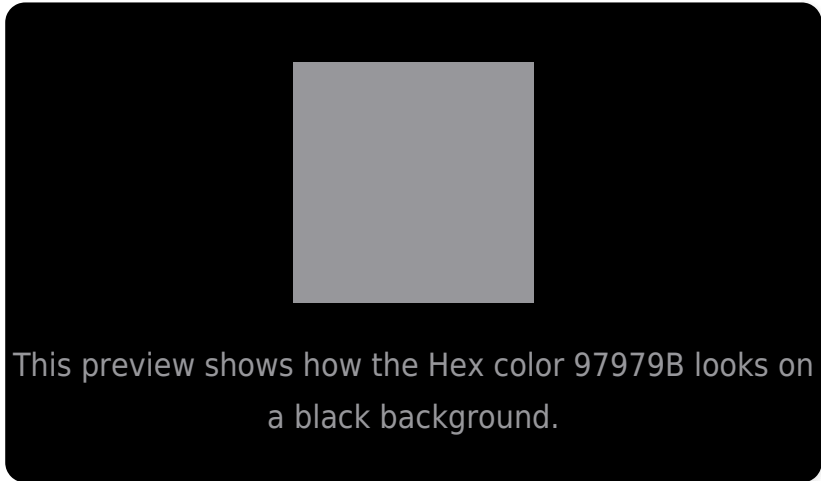
Large Text (above 18pt) WCAG AA × Fail

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

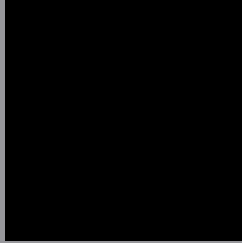
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

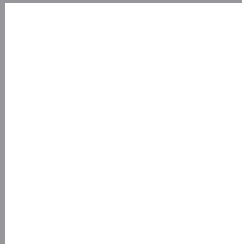
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97979B Background



This preview shows how black text looks on a background with the Hex color 97979B.



This preview shows how white text looks on a background with the Hex color 97979B.

# 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**  
97979B

**Protanopia**  
99969B

**Deuteranopia**  
A4939C



**Tritanopia**  
9896A2

# Trichromacy



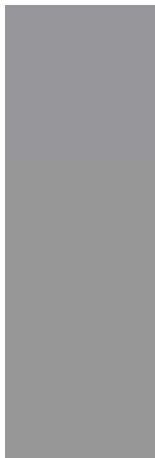
**Original Color**  
97979B

**Protanomaly**  
98969B

**Deuteranomaly**  
9F949C

**Tritanomaly**  
98969F

# Monochromacy



**Original Color**  
97979B

**Achromatopsia**  
979797

**Achromatomaly**  
979798

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97979B 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 #97979B looks like.

```
.text, #text, p{  
    color:#97979B  
}
```

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 #97979B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97979B
}
```

## Border

The CSS property to change the border of an element to Hex 97979B 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
#97979B }
```

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

```
.border{ border-color:#97979B }
```

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

Here you see how a box with a 4 pixel #97979B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97979B; -webkit-box-shadow:4px 4px  
4px 4px #97979B; box-shadow:4px 4px 4px  
4px #97979B }
```

# Background

The CSS property to change the background color of an element to Hex 97979B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97979B }
```

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

```
.background{ background-color:#97979B }
```

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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