

# Converting Colors

Hex(9B9597)

Have a look what the booklet for  
Hex(9B9597) contains.

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# **Color**

**Hex(9B9597)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 9B9597                    |
| RGB           | 155, 149, 151             |
| RGB Percent   | 61%, 58%, 59%             |
| CMY           | 0.3922, 0.4157, 0.4078    |
| CMYK          | 0.00, 0.04, 0.03, 0.39    |
| HSL           | 340°, 3%, 60%             |
| HSV           | 340°, 4%, 61%             |
| XYZ           | 29.8509, 30.6978, 33.6301 |
| YIQ           | 151.0220, 2.9340, 1.8940  |

# Conversions

## Conversions Part 2

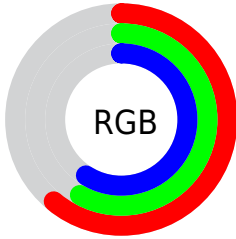
| <b>Format</b>                       | <b>Color</b>                                  |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">155, 149, 151</a>                 |
| Decimal                             | <a href="#">10196375</a>                      |
| CIELab                              | <a href="#">62.25, 2.58, -0.28</a>            |
| CIELCh                              | <a href="#">62, 2.591, 353.888</a>            |
| Yxy                                 | <a href="#">30.6978, 0.3170,<br/>0.3260</a>   |
| Android<br>(android.graphics.Color) | <a href="#">4288386455<br/>(0xFF9B9597)</a>   |
| YUV                                 | <a href="#">151.0220, -0.0108,<br/>3.4887</a> |
| Hunter-Lab                          | <a href="#">55.4056, -0.7892,<br/>2.7961</a>  |

# Details

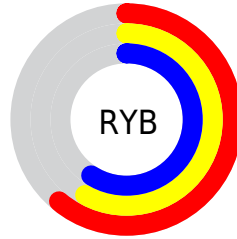
The Hex color **9B9597** is a light color, and the websafe version is hex **999999**. A complement of this color would be **959B99**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D1CBCD**, and **686264** is the 20% darker color. If you saturate the color by 10%, you get **9B868D**, and if you desaturate by 10%, it is **9BA5A1**.

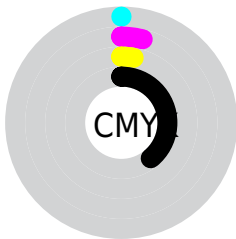
# Distribution



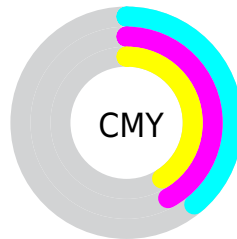
- Red (61%)
- Green (58%)
- Blue (59%)



- Red (61%)
- Yellow (58%)
- Blue (59%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B9597 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 9B9597 by changing the saturation by 10% instead.





9B9597



9B9597

FFFFFF



817B7D



D1CBCD



686264



EEE7E9



504B4C



393436



231F20



0E0609



000000



9B9597



9B9597



9B868D



9BA5A1

 9B7682

 9BB4AC

 9B6778

 9BC4B6

 9B576E

 9BD3C0

 9B4863

 9BE3CB

 9B3859

 9BF2D5

 9B294F

 9BFFDF

 9B1944

 9BFFEA

 9B0A3A

 9BFFF4

# Harmonies

## Analogous

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



999599



9B9597



9C9595

# Triad

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



9B9597



969792



92979A

# Complementary

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



9B9597



959B99

# 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.



919898



9B9597



949894

# Square

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



9B9597



999692



929896



94979B

# Rectangle

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



9B9597



9B9593



929896



91989A



# Sweetspot

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



9B9597



C9C7C8



99959B



666565



E6E6E6



666666



# Same Dimension

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



9B9597



C9BFC3



9B9695



4D4849



8C002F



0D0004



# Inverse Universe

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



9B9597



C9BFC3



959A9B



4D4849



8C002F



0D0004



# Previews

## White Background



This preview shows how the Hex color 9B9597 looks on a white background.

## Color Contrast Check

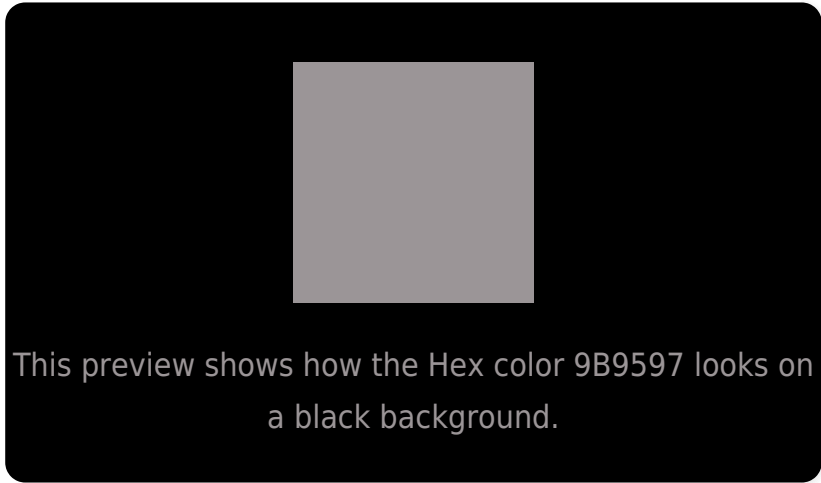
Large Text (above 18pt) WCAG AA × Fail

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

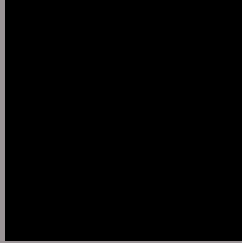
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

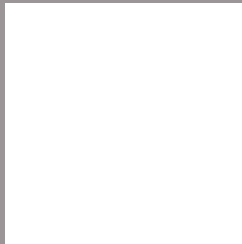
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B9597 Background



This preview shows how black text looks on a background with the Hex color 9B9597.



This preview shows how white text looks on a background with the Hex color 9B9597.

# 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**  
9B9597

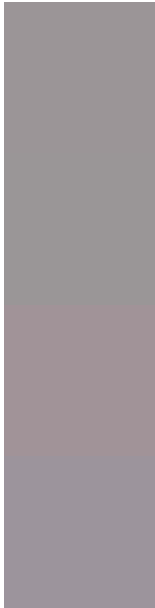
**Protanopia**  
999697

**Deuteranopia**  
A49298



**Tritanopia**  
9C949F

# Trichromacy



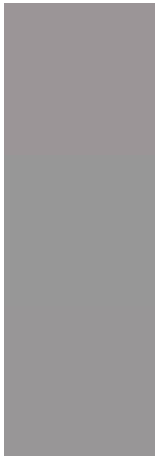
**Original Color**  
9B9597

**Protanomaly**  
9A9697

**Deuteranomaly**  
A19398

**Tritanomaly**  
9C949C

# Monochromacy



**Original Color**  
9B9597

**Achromatopsia**  
979797

**Achromatomaly**  
989697

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B9597 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 #9B9597 looks like.

```
.text, #text, p{  
    color:#9B9597  
}
```

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 #9B9597 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9597
}
```

## Border

The CSS property to change the border of an element to Hex 9B9597 is called "border". The border property can be set on classes, ids or directly on the HTML element.

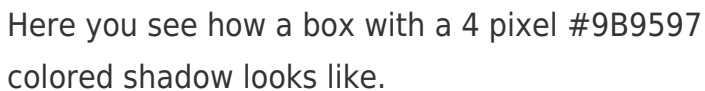
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B9597 }
```

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

```
.border{ border-color:#9B9597 }
```

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



Here you see how a box with a 4 pixel #9B9597 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9597; -webkit-box-shadow:4px 4px  
4px 4px #9B9597; box-shadow:4px 4px 4px  
4px #9B9597 }
```

# Background

The CSS property to change the background color of an element to Hex 9B9597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9597 }
```

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

```
.background{ background-color:#9B9597 }
```

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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