

# Converting Colors

Hex(9B9A9B)

Have a look what the booklet for  
Hex(9B9A9B) contains.

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# **Color**

**Hex(9B9A9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B9A9B
RGB	155, 154, 155
RGB Percent	61%, 60%, 61%
CMY	0.3922, 0.3961, 0.3922
CMYK	0.00, 0.01, 0.00, 0.39
HSL	300°, 0%, 61%
HSV	300°, 1%, 61%
XYZ	30.9896, 32.4463, 35.6398
YIQ	154.4130, 0.2750, 0.5230

# Conversions

## Conversions Part 2

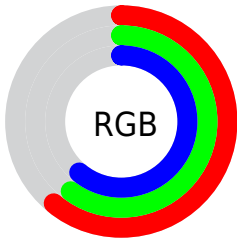
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 154, 155
Decimal	10197659
CIELab	63.71, 0.56, -0.40
CIELCh	64, 0.687, 324.166
Yxy	32.4463, 0.3128, 0.3275
Android (android.graphics.Color)	4288387739 (0xFF9B9A9B)
YUV	154.4130, 0.2894, 0.5148
Hunter-Lab	56.9617, -2.5714, 2.7766

# Details

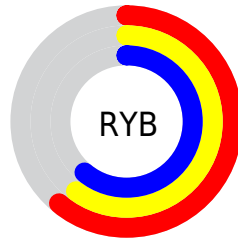
The Hex color **9B9A9B** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9A9B9A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D1D0D1**, and **686768** is the 20% darker color. If you saturate the color by 10%, you get **9B8B9B**, and if you desaturate by 10%, it is **9BAA9B**.

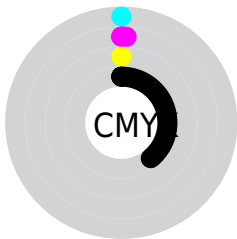
# Distribution



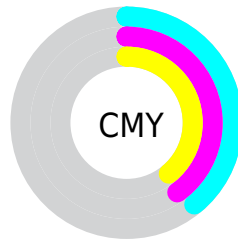
- Red (61%)
- Green (60%)
- Blue (61%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B9A9B 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 9B9A9B by changing the saturation by 10% instead.





9B9A9B



9B9A9B

FFFFFF



818081



D1D0D1



686768



EEEEEE



504F50



393839



242324



0E0D0E



000000



9B9A9B



9B9A9B



9B8B9B



9BAA9B

 9B7B9B

 9BB99B

 9B6C9B

 9BC89B

 9B5C9B

 9BD89B

 9B4D9B

 9BE89B

 9B3D9B

 9BF79B

 9B2E9B

 9BFF9B

 9B1E9B

 9B0F9B

# Harmonies

## Analogous

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



9A9A9B



9B9A9B



9C9A9A

# Triad

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



9B9A9B



9B9A99



999B9B

# Complementary

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



9B9A9B



9A9B9A

# 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.



999B9A



9B9A9B



9A9A99

# Square

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



9B9A9B



9C9A99



9A9B9A



999B9B

# Rectangle

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



9B9A9B



9C9A9A



9A9B9A



999B9B



# Sweetspot

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



9B9A9B



C9C9C9



9A9A9B



666666



E6E6E6

# Same Dimension

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



9B9A9B



C9C7C9



4D4C4D



8C008C



0D000D

# Inverse Universe

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



9B9A9B



C9C7C9



9A9B9B



4D4C4D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 9B9A9B looks on a white background.

## Color Contrast Check

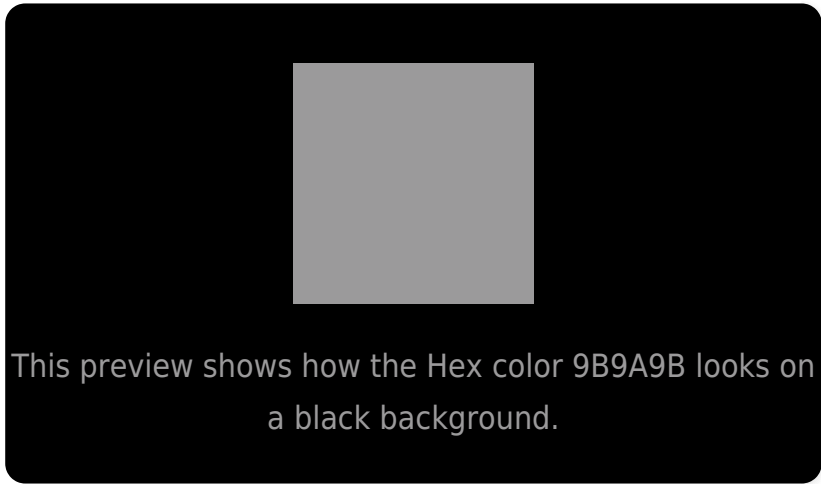
Large Text (above 18pt) WCAG AA × Fail

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

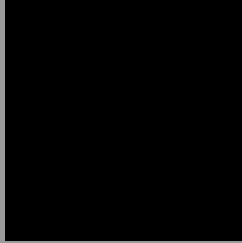
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

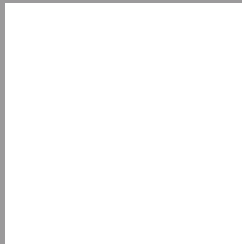
Any Text WCAG AAA ✓ Pass

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

## Hex 9B9A9B Background



This preview shows how black text looks on a background with the Hex color 9B9A9B.



This preview shows how white text looks on a background with the Hex color 9B9A9B.

# 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**

9B9A9B

**Protanopia**

9D999B

**Deuteranopia**

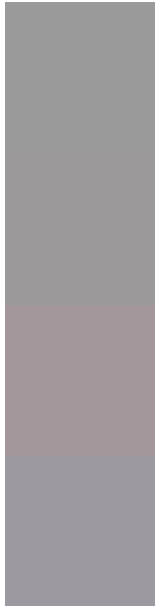
A8959C





**Tritanopia**  
9C99A5

# Trichromacy



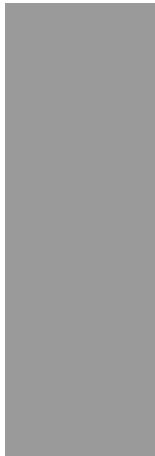
**Original Color**  
9B9A9B

**Protanomaly**  
9C999B

**Deuteranomaly**  
A3979C

**Tritanomaly**  
9C99A1

# Monochromacy



**Original Color**  
9B9A9B

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
9A9A9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B9A9B 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 #9B9A9B looks like.

```
.text, #text, p{  
    color:#9B9A9B  
}
```

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 #9B9A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9A9B
}
```

## Border

The CSS property to change the border of an element to Hex 9B9A9B is called "border". The border property can be set on classes, ids or directly on the HTML element.

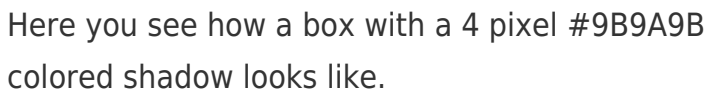
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B9A9B }
```

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

```
.border{ border-color:#9B9A9B }
```

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



Here you see how a box with a 4 pixel #9B9A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9A9B; -webkit-box-shadow:4px 4px  
4px 4px #9B9A9B; box-shadow:4px 4px 4px  
4px #9B9A9B }
```

# Background

The CSS property to change the background color of an element to Hex 9B9A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9A9B }
```

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

```
.background{ background-color:#9B9A9B }
```

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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