

# Converting Colors

Hex(9B9B9A)

Have a look what the booklet for  
Hex(9B9B9A) contains.

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# **Color**

**Hex(9B9B9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B9B9A
RGB	155, 155, 154
RGB Percent	61%, 61%, 60%
CMY	0.3922, 0.3922, 0.3961
CMYK	0.00, 0.00, 0.01, 0.39
HSL	60°, 0%, 61%
HSV	60°, 1%, 61%
XYZ	31.0716, 32.7443, 35.2545
YIQ	154.8860, 0.3210, -0.3110

# Conversions

## Conversions Part 2

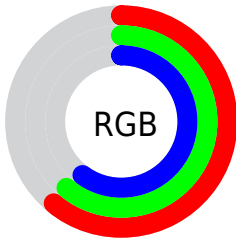
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 155, 154
Decimal	10197914
CIELab	63.95, -0.19, 0.52
CIElCh	64, 0.549, 110.021
Yxy	32.7443, 0.3136, 0.3305
Android (android.graphics.Color)	4288387994 (0xFF9B9B9A)
YUV	154.8860, -0.4368, 0.1000
Hunter-Lab	57.2227, -3.2150, 3.5277

# Details

The Hex color **9B9B9A** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9A9A9B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D1D1D0**, and **686867** is the 20% darker color. If you saturate the color by 10%, you get **9B9B8B**, and if you desaturate by 10%, it is **9B9BAA**.

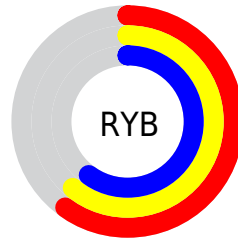
# Distribution



Red (61%)

Green (61%)

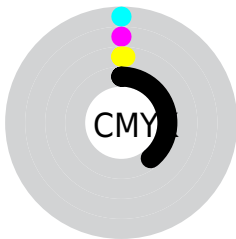
Blue (60%)



Red (60%)

Yellow (61%)

Blue (60%)

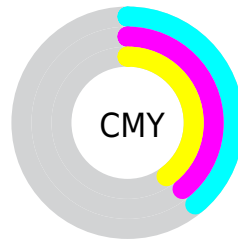


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (39%)



Cyan (39%)

Magenta (39%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B9B9A 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 9B9B9A by changing the saturation by 10% instead.





9B9B9A



9B9B9A

FFFFFF



818180



D1D1D0



686867



EEEEED



50504F



393938



242423



0E0E0D



000000



9B9B9A



9B9B9A



9B9B8B



9B9BAA

 9B9B7B

 9B9BB9

 9B9B6C

 9B9BC8

 9B9B5C

 9B9BD8

 9B9B4D

 9B9BE8

 9B9B3D

 9B9BF7

 9B9B2E

 9B9BFF

 9B9B1E

 9B9B0F

# Harmonies

## Analogous

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



9C9B9A



9B9B9A



9A9B9A

# Triad

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



9B9B9A



9A9B9C



9C9B9B

# Complementary

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



9B9B9A



9A9A9B

# 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.



9B9B9C



9B9B9A



9A9B9C

# Square

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



9B9B9A



9A9B9B



9B9B9C



9C9B9B

# Rectangle

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



9B9B9A



9A9B9B



9B9B9C



9C9B9B



# Sweetspot

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



9B9B9A



C9C9C9



9B9A9A



666666



E6E6E6

# Same Dimension

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



9B9B9A



C9C9C7



4D4D4C



8C8C00



0D0D00

# Inverse Universe

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



9A9A9B



C7C7C9



9B9A9B



4C4C4D



00008C



00000D



# Previews

## White Background



This preview shows how the Hex color 9B9B9A looks on a white background.

## Color Contrast Check

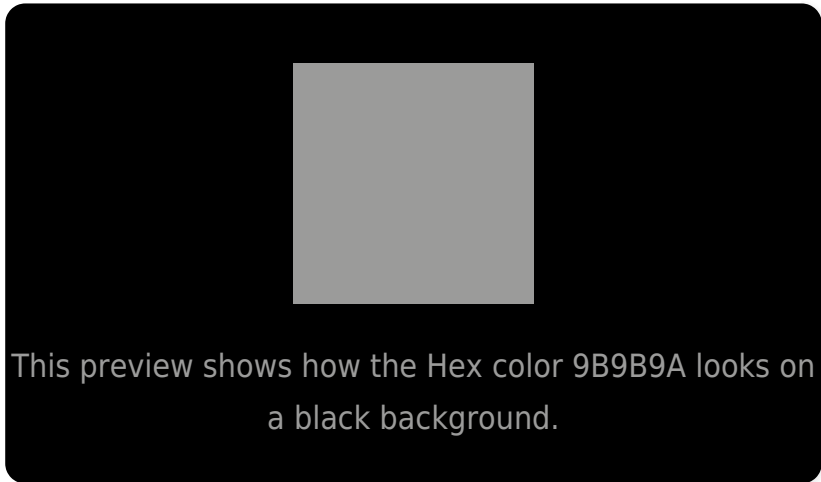
Large Text (above 18pt) WCAG AA × Fail

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

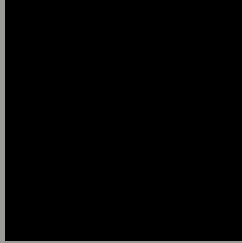
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

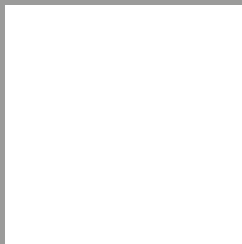
Any Text WCAG AAA ✓ Pass

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

## Hex 9B9B9A Background



This preview shows how black text looks on a background with the Hex color 9B9B9A.

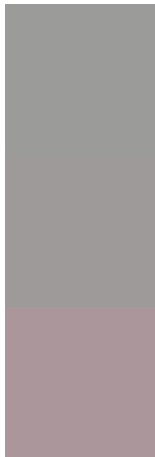


This preview shows how white text looks on a background with the Hex color 9B9B9A.

# 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**  
9B9B9A

**Protanopia**  
9E9A9A

**Deuteranopia**  
AA969B





**Tritanopia**  
9D99A5

# Trichromacy



**Original Color**

9B9B9A

**Protanomaly**

9D9A9A

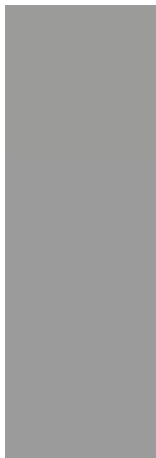
**Deuteranomaly**

A5989B

**Tritanomaly**

9C9AA1

# Monochromacy



**Original Color**

9B9B9A

**Achromatopsia**

9B9B9B

**Achromatomaly**

9B9B9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B9B9A 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 #9B9B9A looks like.

```
.text, #text, p{  
    color:#9B9B9A  
}
```

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 #9B9B9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9B9A
}
```

## Border

The CSS property to change the border of an element to Hex 9B9B9A 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
#9B9B9A }
```

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

```
.border{ border-color:#9B9B9A }
```

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

Here you see how a box with a 4 pixel #9B9B9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9B9A; -webkit-box-shadow:4px 4px  
4px 4px #9B9B9A; box-shadow:4px 4px 4px  
4px #9B9B9A }
```

# Background

The CSS property to change the background color of an element to Hex 9B9B9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9B9A }
```

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

```
.background{ background-color:#9B9B9A }
```

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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