

# Converting Colors

Hex(9B9A99)

Have a look what the booklet for  
Hex(9B9A99) contains.

<b>Hex(9B9A99)</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> .....	22
<b><i>Color Blindness Simulation</i></b> .....	25
<b><i>CSS Examples</i></b> .....	28

# **Color**

**Hex(9B9A99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B9A99
RGB	155, 154, 153
RGB Percent	61%, 60%, 60%
CMY	0.3922, 0.3961, 0.4000
CMYK	0.00, 0.01, 0.01, 0.39
HSL	30°, 1%, 60%
HSV	30°, 1%, 61%
XYZ	30.8229, 32.3797, 34.7624
YIQ	154.1850, 0.9170, -0.0990

# Conversions

## Conversions Part 2

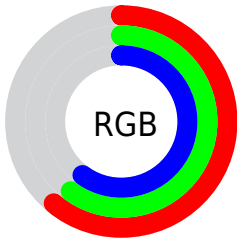
Format	Color
<a href="#">RYB</a>	<a href="#">155, 155, 153</a>
Decimal	<a href="#">10197657</a>
CIELab	<a href="#">63.66, 0.17, 0.64</a>
CIELCh	<a href="#">64, 0.667, 74.812</a>
Yxy	<a href="#">32.3797, 0.3146, 0.3305</a>
Android (android.graphics.Color)	<a href="#">4288387737</a> ( <a href="#">0xFF9B9A99</a> )
YUV	<a href="#">154.1850, -0.5842, 0.7148</a>
Hunter-Lab	<a href="#">56.9031, -2.8917, 3.6117</a>

# Details

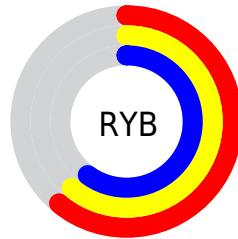
The Hex color **9B9A99** is a light color, and the websafe version is hex **999999**. A complement of this color would be **999A9B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D1D0CF**, and **686766** is the 20% darker color. If you saturate the color by 10%, you get **9B928A**, and if you desaturate by 10%, it is **9BA2A9**.

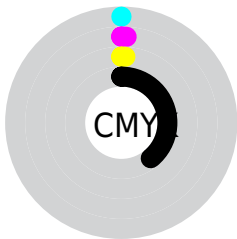
# Distribution



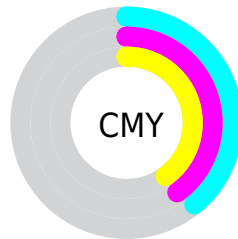
- Red (61%)
- Green (60%)
- Blue (60%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B9A99 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 9B9A99 by changing the saturation by 10% instead.





9B9A99



9B9A99

FFFFFF



81807F



D1D0CF



686766



EEDEEB



504F4E



393837



242322



0E0D0C



000000



9B9A99



9B9A99



9B928A



9BA2A9

 9B8B7A

 9BAAB8

 9B836A

 9BB1C8

 9B7B5B

 9BB9D7

 9B734B

 9BC1E6

 9B6C3C

 9BC8F6

 9B642D

 9BD0FF

 9B5C1D

 9BD8FF

 9B540E

 9BE0FF

# Harmonies

## Analogous

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



9B9A99



9A9A99

# Triad

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



9B9A99



999B9A



9B9A9B

# Complementary

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



9B9A99



999A9B

# 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.



9A9A9B



9B9A99



999A9B

# Square

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



9B9A99



999A9A



999A9B



9B9A9A

# Rectangle

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



9B9A99



9A9A99



999A9B



9A9A9B



# Sweetspot

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



9B9A99



C9C9C9



9B999A



666666



E6E6E6

# Same Dimension

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



9B9A99



C9C7C5



9B9B99



4D4C4B



8C4600



0D0600



# Inverse Universe

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



999A9B



C5C7C9



99999B



4B4C4D



00468C



00060D



# Previews

## White Background



This preview shows how the Hex color 9B9A99 looks on a white background.

## Color Contrast Check

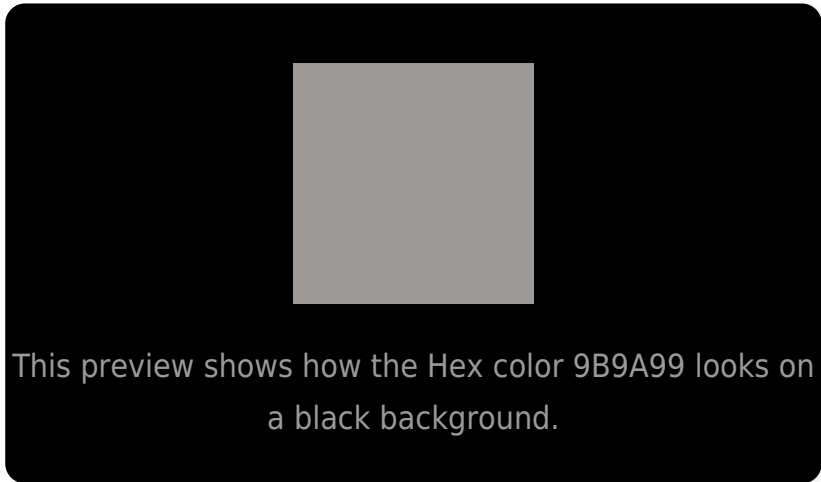
Large Text (above 18pt) WCAG AA × Fail

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

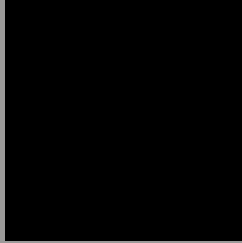
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

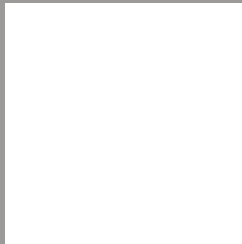
Any Text WCAG AAA ✓ Pass

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

## Hex 9B9A99 Background



This preview shows how black text looks on a background with the Hex color 9B9A99.



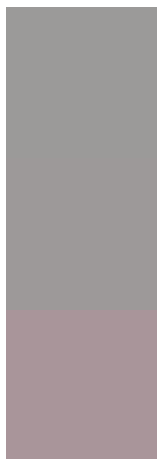
This preview shows how white text looks on a background with the Hex color 9B9A99.



# 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**  
9B9A99

**Protanopia**  
9D9999

**Deuteranopia**  
A9959A



**Tritanopia**  
9D98A4

# Trichromacy



**Original Color**

9B9A99

**Protanomaly**

9C9999

**Deuteranomaly**

A4979A

**Tritanomaly**

9C99A0

# Monochromacy



**Original Color**

9B9A99

**Achromatopsia**

9A9A9A

**Achromatomaly**

9A9A9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B9A99 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 #9B9A99 looks like.

```
.text, #text, p{  
    color:#9B9A99  
}
```

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 #9B9A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9A99
}
```

## Border

The CSS property to change the border of an element to Hex 9B9A99 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
#9B9A99 }
```

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

```
.border{ border-color:#9B9A99 }
```

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

Here you see how a box with a 4 pixel #9B9A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9A99; -webkit-box-shadow:4px 4px  
4px 4px #9B9A99; box-shadow:4px 4px 4px  
4px #9B9A99 }
```

# Background

The CSS property to change the background color of an element to Hex 9B9A99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9A99 }
```

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

```
.background{ background-color:#9B9A99 }
```

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