

# Converting Colors

Hex(9B9893)

Have a look what the booklet for  
Hex(9B9893) contains.

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# **Color**

**Hex(9B9893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9B9893
RGB	155, 152, 147
RGB Percent	61%, 60%, 58%
CMY	0.3922, 0.4039, 0.4235
CMYK	0.00, 0.02, 0.05, 0.39
HSL	38°, 4%, 59%
HSV	38°, 5%, 61%
XYZ	30.0123, 31.5316, 32.1082
YIQ	152.3270, 3.3930, -0.9190

# Conversions

## Conversions Part 2

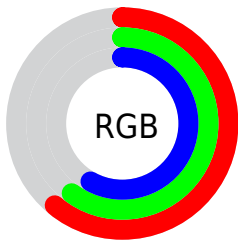
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 155, 147</a>
Decimal	<a href="#">10197139</a>
CIELab	<a href="#">62.95, 0.16, 3.01</a>
CIELCh	<a href="#">63, 3.010, 86.945</a>
Yxy	<a href="#">31.5316, 0.3205, 0.3367</a>
Android (android.graphics.Color)	<a href="#">4288387219</a> (0xFF9B9893)
YUV	<a href="#">152.3270, -2.6262, 2.3442</a>
Hunter-Lab	<a href="#">56.1530, -2.8644, 5.4052</a>

# Details

The Hex color **9B9893** is a light color, and the websafe version is hex **999999**. A complement of this color would be **93969B**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D1CEC9**, and **686560** is the 20% darker color. If you saturate the color by 10%, you get **9B9284**, and if you desaturate by 10%, it is **9B9EA3**.

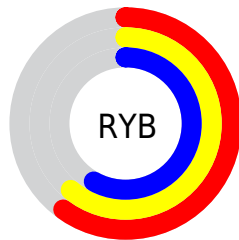
# Distribution



Red (61%)

Green (60%)

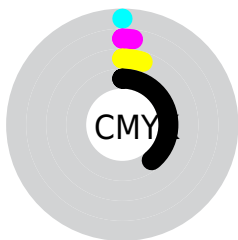
Blue (58%)



Red (60%)

Yellow (61%)

Blue (58%)

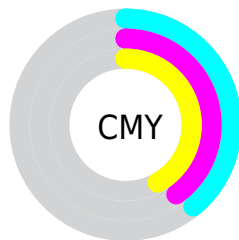


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (39%)



Cyan (39%)

Magenta (40%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B9893 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 9B9893 by changing the saturation by 10% instead.



■ 9B9893

■ 9B9893

FFFFFF

■ 817E79

■ D1CEC9

■ 686560

■ EEEAE5

■ 504D49

■ 393732

■ 23211D

■ 0E0A03

■ 000000

■ 9B9893

■ 9B9893

■ 9B9284

■ 9B9EA3

 9B8C74

 9BA4B2

 9B8765

 9BA9C1

 9B8155

 9BAFD1

 9B7B46

 9BB5E0

 9B7536

 9BBBF0

 9B6F27

 9BC1FF

 9B6A17

 9BC6FF

 9B6408

 9BCCFF

# Harmonies

## Analogous

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



9D9794



9B9893



989994

# Triad

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



9B9893



929A9B



9C979B

# Complementary

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



9B9893



93969B

# 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.



99989D



9B9893



93999D

# Square

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



9B9893



939A98



95999E



9E9799

# Rectangle

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



9B9893



969995



95999E



9B979C



# Sweetspot

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



9B9893



C9C8C5



9B9396



666564



E6E6E6



666666



# Same Dimension

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



9B9893



C9C5BD



9A9B93



4D4A47



8C5800



0D0800



# Inverse Universe

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



93969B



BDC2C9



94939B



47494D



00358C



00050D



# Previews

## White Background



This preview shows how the Hex color 9B9893 looks on a white background.

## Color Contrast Check

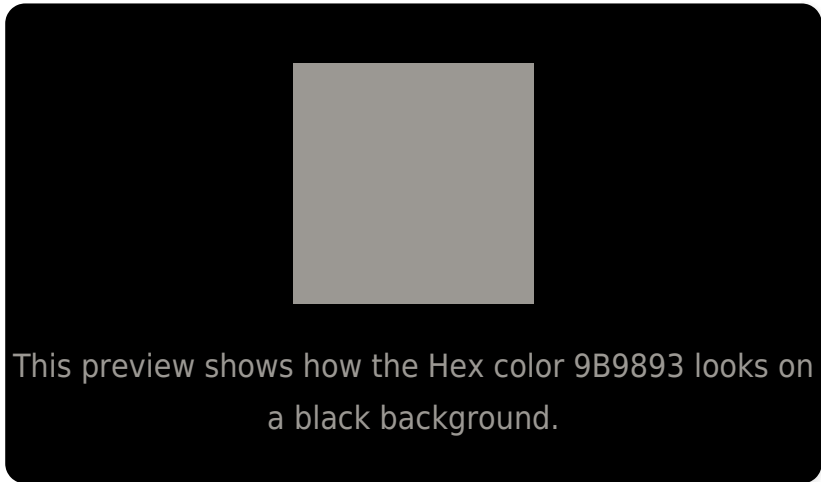
Large Text (above 18pt) WCAG AA × Fail

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

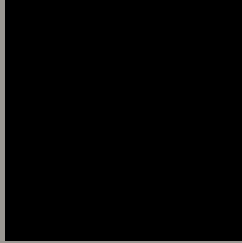
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

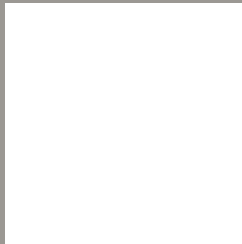
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9B9893 Background



This preview shows how black text looks on a background with the Hex color 9B9893.



This preview shows how white text looks on a background with the Hex color 9B9893.

# 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**  
9B9893

**Protanopia**  
9C9893

**Deuteranopia**  
A99394



**Tritanopia**  
9D96A2

# Trichromacy



**Original Color**  
9B9893

**Protanomaly**  
9C9893

**Deuteranomaly**  
A49594

**Tritanomaly**  
9C979D

# Monochromacy



**Original Color**  
9B9893

**Achromatopsia**  
989898

**Achromatomaly**  
999896

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B9893 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 #9B9893 looks like.

```
.text, #text, p{  
    color:#9B9893  
}
```

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 #9B9893 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9893
}
```

## Border

The CSS property to change the border of an element to Hex 9B9893 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
#9B9893 }
```

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

```
.border{ border-color:#9B9893 }
```

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

Here you see how a box with a 4 pixel #9B9893 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9893; -webkit-box-shadow:4px 4px  
4px 4px #9B9893; box-shadow:4px 4px 4px  
4px #9B9893 }
```

# Background

The CSS property to change the background color of an element to Hex 9B9893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9893 }
```

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

```
.background{ background-color:#9B9893 }
```

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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