

# Converting Colors

Hex(9C9996)

Have a look what the booklet for  
Hex(9C9996) contains.

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# **Color**

**Hex(9C9996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C9996
RGB	156, 153, 150
RGB Percent	61%, 60%, 59%
CMY	0.3882, 0.4000, 0.4118
CMYK	0.00, 0.02, 0.04, 0.39
HSL	30°, 3%, 60%
HSV	30°, 4%, 61%
XYZ	30.6066, 32.0524, 33.4278
YIQ	153.5550, 2.7510, -0.2970

# Conversions

## Conversions Part 2

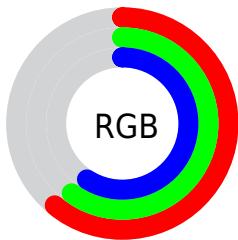
Format	Color
<a href="#">RYB</a>	<a href="#">156, 156, 150</a>
Decimal	<a href="#">10262934</a>
CIELab	<a href="#">63.39, 0.53, 1.95</a>
CIELCh	<a href="#">63, 2.022, 74.815</a>
Yxy	<a href="#">32.0524, 0.3185, 0.3336</a>
Android (android.graphics.Color)	<a href="#">4288453014 (0xFF9C9996)</a>
YUV	<a href="#">153.5550, -1.7526, 2.1443</a>
Hunter-Lab	<a href="#">56.6148, -2.5770, 4.6231</a>

# Details

The Hex color **9C9996** is a light color, and the websafe version is hex **999999**. A complement of this color would be **96999C**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D2CFCC**, and **696663** is the 20% darker color. If you saturate the color by 10%, you get **9C9186**, and if you desaturate by 10%, it is **9CA1A6**.

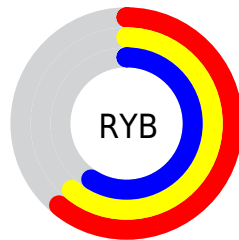
# Distribution



Red (61%)

Green (60%)

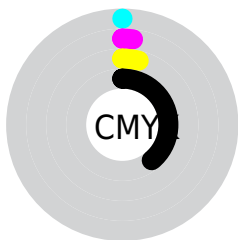
Blue (59%)



Red (61%)

Yellow (61%)

Blue (59%)

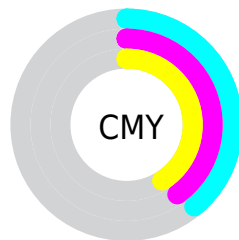


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (39%)



Cyan (39%)

Magenta (40%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C9996 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 9C9996 by changing the saturation by 10% instead.





9C9996



9C9996

FFFFFF



827F7C



D2CFCC



696663



EFECE8



514E4B



3A3735



242220



0F0C08



000000



9C9996



9C9996



9C9186



9CA1A6

 9C8977

 9CA9B5

 9C8267

 9CB0C5

 9C7A58

 9CB8D4

 9C7248

 9CC0E4

 9C6A38

 9CC8F4

 9C6229

 9CD0FF

 9C5B19

 9CD7FF

 9C530A

 9CDFFF

# Harmonies

## Analogous

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



9D9997



9C9996



9A9A96

# Triad

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



9C9996



959B9A



9B999C

# Complementary

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



9C9996



96999C

# 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.



99999D



9C9996



959A9C

# Square

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



9C9996



969A98



979A9D



9D989A

# Rectangle

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



9C9996



999A96



979A9D



9A999C



# Sweetspot

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



9C9996



CCCBCA



9C9699



666565



E6E6E6



666666



# Same Dimension

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



9C9996



CCC7C2



9C9C96



4F4D4A



8F4700



0F0800



# Inverse Universe

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



96999C



C2C7CC



96969C



4A4D4F



00478F



00080F



# Previews

## White Background



This preview shows how the Hex color 9C9996 looks on a white background.

## Color Contrast Check

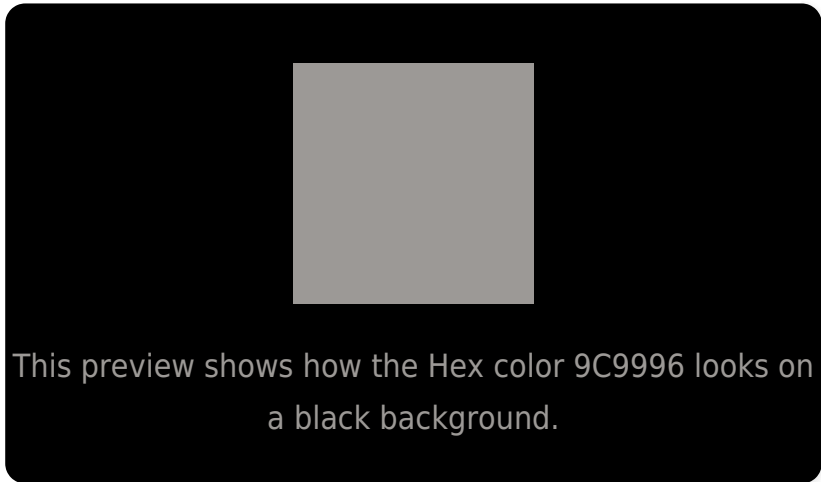
Large Text (above 18pt) WCAG AA × Fail

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

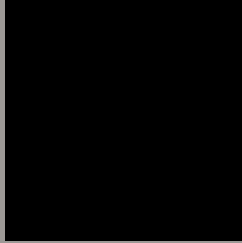
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

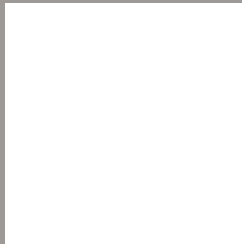
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9C9996 Background



This preview shows how black text looks on a background with the Hex color 9C9996.



This preview shows how white text looks on a background with the Hex color 9C9996.

# 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**  
9C9996

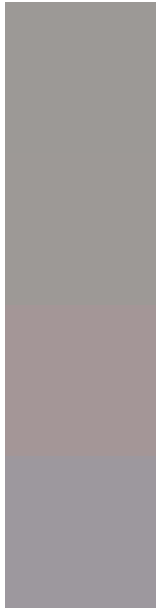
**Protanopia**  
9D9996

**Deuteranopia**  
A99497



**Tritanopia**  
9E97A3

# Trichromacy



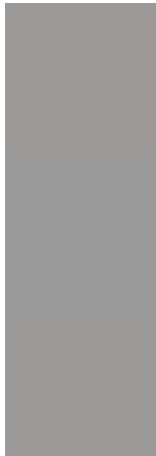
**Original Color**  
9C9996

**Protanomaly**  
9D9996

**Deuteranomaly**  
A49697

**Tritanomaly**  
9D989E

# Monochromacy



**Original Color**  
9C9996

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
9B9A99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C9996 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 #9C9996 looks like.

```
.text, #text, p{  
    color:#9C9996  
}
```

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 #9C9996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C9996
}
```

## Border

The CSS property to change the border of an element to Hex 9C9996 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
#9C9996 }
```

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

```
.border{ border-color:#9C9996 }
```

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

Here you see how a box with a 4 pixel #9C9996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C9996; -webkit-box-shadow:4px 4px  
4px 4px #9C9996; box-shadow:4px 4px 4px  
4px #9C9996 }
```

# Background

The CSS property to change the background color of an element to Hex 9C9996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C9996 }
```

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

```
.background{ background-color:#9C9996 }
```

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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