

# Converting Colors

Hex(9C9D81)

Have a look what the booklet for  
Hex(9C9D81) contains.

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# **Color**

**Hex(9C9D81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C9D81
RGB	156, 157, 129
RGB Percent	61%, 62%, 51%
CMY	0.3882, 0.3843, 0.4941
CMYK	0.01, 0.00, 0.18, 0.38
HSL	62°, 13%, 56%
HSV	62°, 18%, 62%
XYZ	29.7297, 32.7668, 25.5266
YIQ	153.5090, 8.3920, -8.9200

# Conversions

## Conversions Part 2

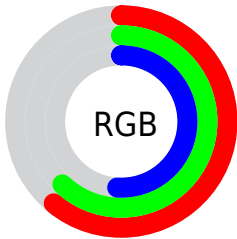
Format	Color
<a href="#">RYB</a>	<a href="#">129, 157, 130</a>
Decimal	<a href="#">10263937</a>
CIELab	<a href="#">63.97, -5.30, 14.56</a>
CIElCh	<a href="#">64, 15.494, 109.997</a>
Yxy	<a href="#">32.7668, 0.3377, 0.3723</a>
Android (android.graphics.Color)	<a href="#">4288454017 (0xFF9C9D81)</a>
YUV	<a href="#">153.5090, -12.0829, 2.1846</a>
Hunter-Lab	<a href="#">57.2423, -7.4672, 13.6299</a>

# Details

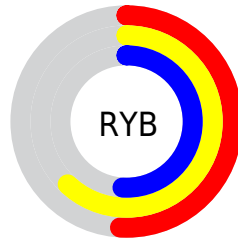
The Hex color **9C9D81** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **82819D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D3D4B6**, and **696A50** is the 20% darker color. If you saturate the color by 10%, you get **9B9D71**, and if you desaturate by 10%, it is **9D9D91**.

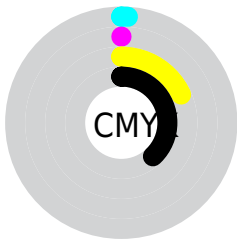
# Distribution



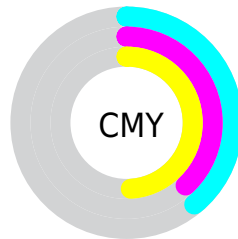
- Red (61%)
- Green (62%)
- Blue (51%)



- Red (51%)
- Yellow (62%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C9D81 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 9C9D81 by changing the saturation by 10% instead.





9C9D81



9C9D81

FFFFFF



828368



D3D4B6



696A50



EFF0D2



505239



FFFFEE



393B23



23250E



091100



000000



9C9D81



9C9D81



9B9D71



9D9D91

 9B9D62

 9D9DA0

 9A9D52

 9E9DB0

 9A9D42

 9E9DC0

 999D32

 9F9DD0

 999D23

 9F9DDF

 989D13

 A09DEF

 989D03

 A09DFF

 979D00

 A19DFF

# Harmonies

## Analogous

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



AA9880



9C9D81



8CA189

# Triad

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



9C9D81



79A1B0



B492A0

# Complementary

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



9C9D81



82819D

# 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.



A895AD



9C9D81



869EB6

# Square

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



9C9D81



77A3A4



9899B5



B89292

# Rectangle

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



9C9D81



82A291



9899B5



B192A5



# Sweetspot

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



9C9D81



CCCCCC2



9D8281



666660



E6E6E6



666666



# Same Dimension

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



9C9D81



CACCA1



8E9D81



4F4F47



8A8F00



0F0F00



# Inverse Universe

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



82819D



A3A1CC



90819D



47474F



05008F



01000F



# Previews

## White Background



This preview shows how the Hex color 9C9D81 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

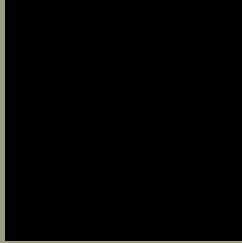
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

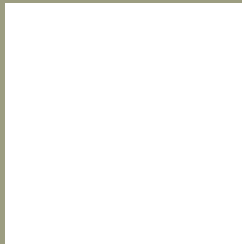
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9C9D81 Background



This preview shows how black text looks on a background with the Hex color 9C9D81.



This preview shows how white text looks on a background with the Hex color 9C9D81.

# 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**  
9C9D81

**Protanopia**  
A49B80

**Deuteranopia**  
B29583



**Tritanopia**  
A198A4

# Trichromacy



**Original Color**  
9C9D81

**Protanomaly**  
A19C80

**Deuteranomaly**  
AA9882

**Tritanomaly**  
9F9A97

# Monochromacy



**Original Color**  
9C9D81

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
9B9B91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C9D81 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 #9C9D81 looks like.

```
.text, #text, p{  
    color:#9C9D81  
}
```

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 #9C9D81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C9D81
}
```

## Border

The CSS property to change the border of an element to Hex 9C9D81 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
#9C9D81 }
```

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

```
.border{ border-color:#9C9D81 }
```

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

Here you see how a box with a 4 pixel #9C9D81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C9D81; -webkit-box-shadow:4px 4px  
4px 4px #9C9D81; box-shadow:4px 4px 4px  
4px #9C9D81 }
```

# Background

The CSS property to change the background color of an element to Hex 9C9D81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C9D81 }
```

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

```
.background{ background-color:#9C9D81 }
```

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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