

# Converting Colors

Hex(9E9CA6)

Have a look what the booklet for  
Hex(9E9CA6) contains.

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# **Color**

**Hex(9E9CA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E9CA6
RGB	158, 156, 166
RGB Percent	62%, 61%, 65%
CMY	0.3804, 0.3882, 0.3490
CMYK	0.05, 0.06, 0.00, 0.35
HSL	252°, 5%, 63%
HSV	252°, 6%, 65%
XYZ	32.8720, 33.7992, 40.8678
YIQ	157.7380, -2.0180, 3.5340

# Conversions

## Conversions Part 2

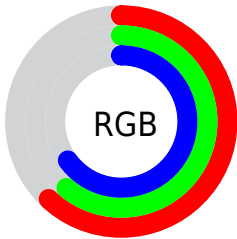
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 156, 166
Decimal	10394790
CIELab	64.80, 2.68, -4.95
CIELCh	65, 5.631, 298.403
Yxy	33.7992, 0.3057, 0.3143
Android (android.graphics.Color)	4288584870 (0xFF9E9CA6)
YUV	157.7380, 4.0732, 0.2298
Hunter-Lab	58.1371, -0.8122, -0.9822

# Details

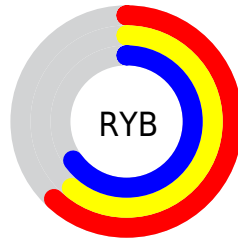
The Hex color **9E9CA6** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A4A69C**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D5D2DD**, and **6B6972** is the 20% darker color. If you saturate the color by 10%, you get **918BA6**, and if you desaturate by 10%, it is **ABADA6**.

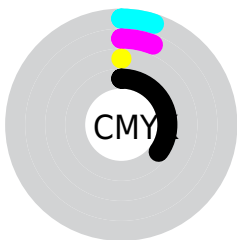
# Distribution



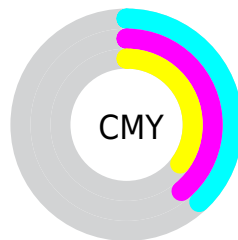
- Red (62%)
- Green (61%)
- Blue (65%)



- Red (62%)
- Yellow (61%)
- Blue (65%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (39%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9CA6 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 9E9CA6 by changing the saturation by 10% instead.





9E9CA6



9E9CA6

FFFFFF



84828C



D5D2DD



6B6972



F1EFAA



52515A



3B3A42



26242C



110F18



000000



9E9CA6



9E9CA6



918BA6



ABADA6

837BA6

B9BDA6

766AA6

C6CEA6

695AA6

D3DEA6

5C49A6

E0EFA6

4E38A6

EEFFA6

4128A6

FBFFA6

3417A6

FFFFA6

2607A6

# Harmonies

## Analogous

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



989EA7



9E9CA6



A49BA3

# Triad

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



9E9CA6



A69B95



92A09D

# Complementary

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



9E9CA6



A4A69C

# 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.



96A098



9E9CA6



A29D93

# Square

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



9E9CA6



A89A99



9C9E94



91A0A2

# Rectangle

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



9E9CA6



A69A9F



9C9E94



93A09B



# Sweetspot

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



9E9CA6



D5D4D9



9CA4A6



6C6B6E



EDEDED



6E6E6E



# Same Dimension

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



9E9CA6



CDCAD9



A39CA6



4F4D54



1E0094



040014



# Inverse Universe

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



A69CA4



D9CAD6



9FA69C



544D53



940076



140010



# Previews

## White Background



This preview shows how the Hex color 9E9CA6 looks on a white background.

## Color Contrast Check

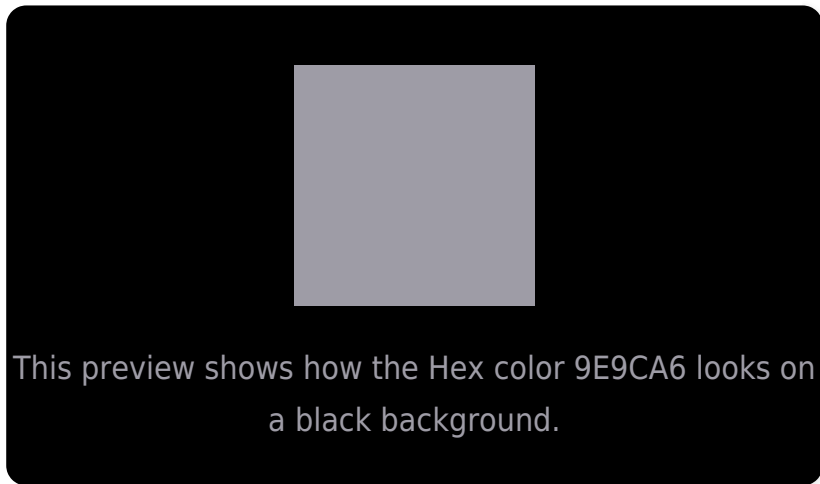
Large Text (above 18pt) WCAG AA × Fail

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

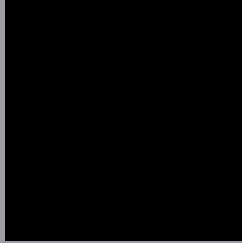
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

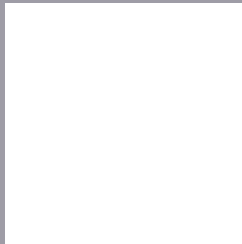
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9E9CA6 Background



This preview shows how black text looks on a background with the Hex color 9E9CA6.



This preview shows how white text looks on a background with the Hex color 9E9CA6.

# 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**  
9E9CA6

**Protanopia**  
9D9CA6

**Deuteranopia**  
A899A7



**Tritanopia**  
9E9CA8

# Trichromacy



**Original Color**

9E9CA6

**Protanomaly**

9D9CA6

**Deuteranomaly**

A49AA7

**Tritanomaly**

9E9CA7

# Monochromacy



**Original Color**

9E9CA6

**Achromatopsia**

9E9E9E

**Achromatomaly**

9E9DA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9CA6 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 #9E9CA6 looks like.

```
.text, #text, p{  
    color:#9E9CA6  
}
```

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 #9E9CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9CA6  
}
```

## Border

The CSS property to change the border of an element to Hex 9E9CA6 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  
#9E9CA6 }
```

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

```
.border{ border-color:#9E9CA6 }
```

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

Here you see how a box with a 4 pixel #9E9CA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9CA6; -webkit-box-shadow:4px 4px  
4px 4px #9E9CA6; box-shadow:4px 4px 4px  
4px #9E9CA6 }
```

# Background

The CSS property to change the background color of an element to Hex 9E9CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9CA6 }
```

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

```
.background{ background-color:#9E9CA6 }
```

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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