

# Converting Colors

Hex(9A9BA7)

Have a look what the booklet for  
Hex(9A9BA7) contains.

<b>Hex(9A9BA7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9A9BA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A9BA7
RGB	154, 155, 167
RGB Percent	60%, 61%, 65%
CMY	0.3961, 0.3922, 0.3451
CMYK	0.08, 0.07, 0.00, 0.35
HSL	235°, 7%, 63%
HSV	235°, 8%, 65%
XYZ	32.0228, 33.1027, 41.2609
YIQ	156.0690, -4.4480, 3.5200

# Conversions

## Conversions Part 2

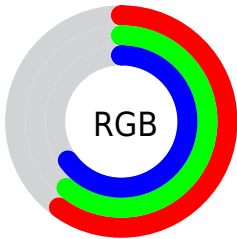
Format	Color
<a href="#">RYB</a>	<a href="#">154, 155, 167</a>
Decimal	<a href="#">10132391</a>
CIELab	<a href="#">64.24, 2.04, -6.38</a>
CIELCh	<a href="#">64, 6.695, 287.728</a>
Yxy	<a href="#">33.1027, 0.3010, 0.3112</a>
Android (android.graphics.Color)	<a href="#">4288322471 (0xFF9A9BA7)</a>
YUV	<a href="#">156.0690, 5.3890, -1.8145</a>
Hunter-Lab	<a href="#">57.5350, -1.3367, -2.2450</a>

# Details

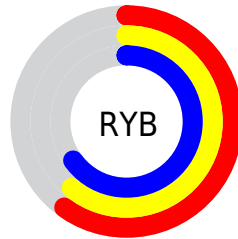
The Hex color **9A9BA7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A7A69A**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D0D1DE**, and **676873** is the 20% darker color. If you saturate the color by 10%, you get **898CA7**, and if you desaturate by 10%, it is **ABAAA7**.

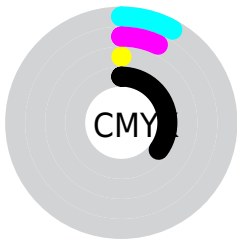
# Distribution



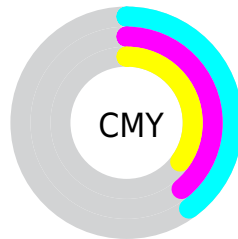
- Red (60%)
- Green (61%)
- Blue (65%)



- Red (60%)
- Yellow (61%)
- Blue (65%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (39%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A9BA7 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 9A9BA7 by changing the saturation by 10% instead.



■ 9A9BA7

■ 9A9BA7

FFFFFF

■ 80818D

■ D0D1DE

■ 676873

■ EDEEFB

■ 4F505B

■ 383943

■ 22242D

■ 0D0E19

■ 000000

■ 9A9BA7

■ 9A9BA7

■ 898CA7

■ ABAAA7

■ 797CA7

■ BBBA7

■ 686DA7

■ CCC9A7

■ 575DA7

■ DDD9A7

■ 464EA7

■ EDE8A7

■ 363FA7

■ FEF7A7

■ 252FA7

■ FFFFA7

■ 1420A7

■ 0410A7

# Harmonies

## Analogous

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



939DA7



9A9BA7



A199A4

# Triad

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



9A9BA7



A89993



909F99

# Complementary

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



9A9BA7



A7A69A

# 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.



969E94



9A9BA7



A39A90

# Square

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



9A9BA7



A99898



9D9C90



8D9F9F

# Rectangle

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



9A9BA7



A598A0



9D9C90



929F97

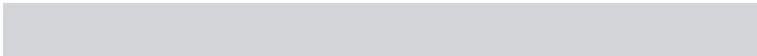


# Sweetspot

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



9A9BA7



D4D5D9



9AA7A6



6B6C6E



EDEDED



6E6E6E



# Same Dimension

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



9A9BA7



C5C7D9



9F9AA7



4C4C54



000B94



000214



# Inverse Universe

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



A79A9B



D9C5C7



A2A79A



544C4C



94000B



140002



# Previews

## White Background



This preview shows how the Hex color 9A9BA7 looks on a white background.

## Color Contrast Check

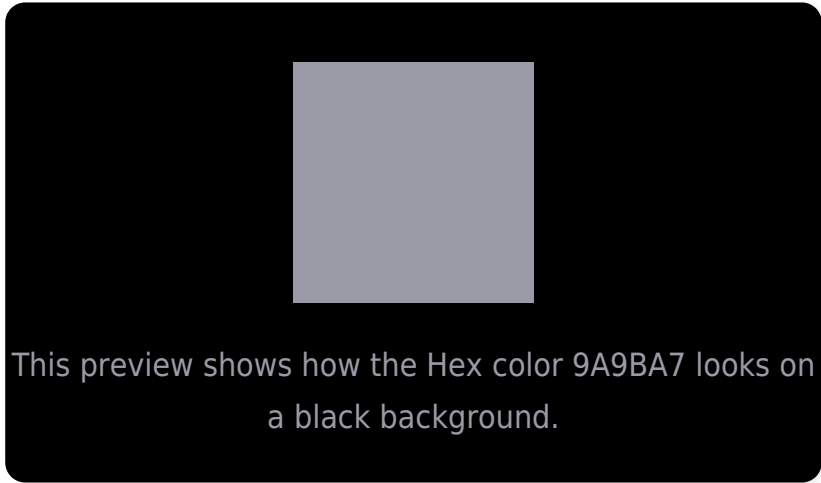
Large Text (above 18pt) WCAG AA × Fail

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

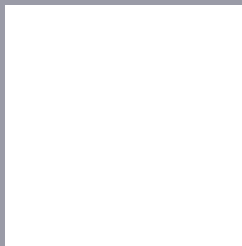
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9A9BA7 Background



This preview shows how black text looks on a background with the Hex color 9A9BA7.

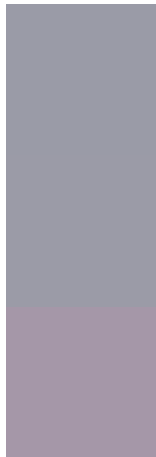


This preview shows how white text looks on a background with the Hex color 9A9BA7.

# 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**  
9A9BA7

**Protanopia**  
9B9BA7

**Deuteranopia**  
A597A8



**Tritanopia**  
9A9BA7

# Trichromacy



**Original Color**

9A9BA7

**Protanomaly**

9B9BA7

**Deuteranomaly**

A198A8

**Tritanomaly**

9A9BA7

# Monochromacy



**Original Color**

9A9BA7

**Achromatopsia**

9C9C9C

**Achromatomaly**

9B9CA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A9BA7 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 #9A9BA7 looks like.

```
.text, #text, p{  
    color:#9A9BA7  
}
```

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 #9A9BA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9BA7
}
```

## Border

The CSS property to change the border of an element to Hex 9A9BA7 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
#9A9BA7 }
```

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

```
.border{ border-color:#9A9BA7 }
```

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

Here you see how a box with a 4 pixel #9A9BA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9BA7; -webkit-box-shadow:4px 4px  
4px 4px #9A9BA7; box-shadow:4px 4px 4px  
4px #9A9BA7 }
```

# Background

The CSS property to change the background color of an element to Hex 9A9BA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9BA7 }
```

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

```
.background{ background-color:#9A9BA7 }
```

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