

# Converting Colors

Hex(9C90A3)

Have a look what the booklet for  
Hex(9C90A3) contains.

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# **Color**

**Hex(9C90A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C90A3
RGB	156, 144, 163
RGB Percent	61%, 56%, 64%
CMY	0.3882, 0.4353, 0.3608
CMYK	0.04, 0.12, 0.00, 0.36
HSL	278°, 9%, 60%
HSV	278°, 12%, 64%
XYZ	30.2944, 29.6588, 38.7784
YIQ	149.7540, 1.0530, 8.4530

# Conversions

## Conversions Part 2

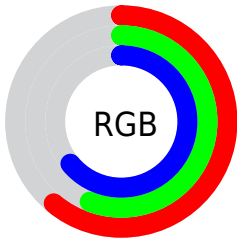
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 144, 163
Decimal	10260643
CIE <sub>Lab</sub>	61.36, 8.10, -8.39
CIE <sub>LCh</sub>	61, 11.661, 313.994
Yxy	29.6588, 0.3068, 0.3004
Android (android.graphics.Color)	4288450723 (0xFF9C90A3)
YUV	149.7540, 6.5303, 5.4777
Hunter-Lab	54.4599, 3.9895, -4.0958

# Details

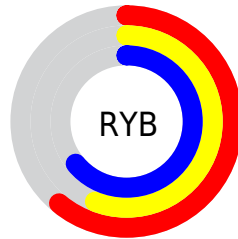
The Hex color **9C90A3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **97A390**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D3C6DA**, and **695E6F** is the 20% darker color. If you saturate the color by 10%, you get **9680A3**, and if you desaturate by 10%, it is **A2A0A3**.

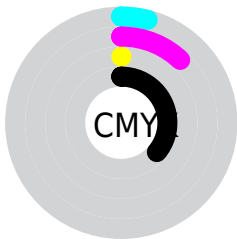
# Distribution



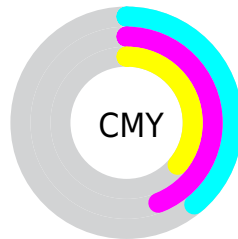
- Red (61%)
- Green (56%)
- Blue (64%)



- Red (61%)
- Yellow (56%)
- Blue (64%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (44%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C90A3 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 9C90A3 by changing the saturation by 10% instead.





9C90A3



9C90A3

FFFFFF



827689



D3C6DA



695E6F



EFE2F6



514657

FFFEFF



3A3040



241B2A



100016



000000



9C90A3



9C90A3



9680A3



A2A0A3

906FA3

A8B1A3

8A5FA3

AEC1A3

844FA3

B4D1A3

7E3FA3

BAE2A3

782EA3

C0F2A3

721EA3

C6FFA3

6C0EA3

CCFFA3

6700A3

D2FFA3

# Harmonies

## Analogous

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



8F93A8



9C90A3



A68E9A

# Triad

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



9C90A3



A29281



7A9A99

# Complementary

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



9C90A3



97A390

# 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.



819A8E



9C90A3



979580

# Square

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



9C90A3



A98F86



8B9885



7B99A2

# Rectangle

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



9C90A3



A98D93



8B9885



7C9A95



# Sweetspot

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



9C90A3



D1CDD4



9097A3



6A676B



EBEBEB



6B6B6B



# Same Dimension

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



9C90A3



C9B6D4



A390A1



4F4952



5C0091



0B0012



# Inverse Universe

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



A39097



D4B6C1



90A392



52494C



910036

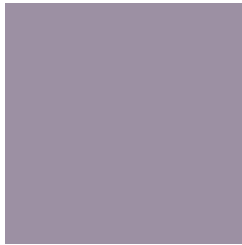


120007



# Previews

## White Background



This preview shows how the Hex color 9C90A3 looks on a white background.

## Color Contrast Check

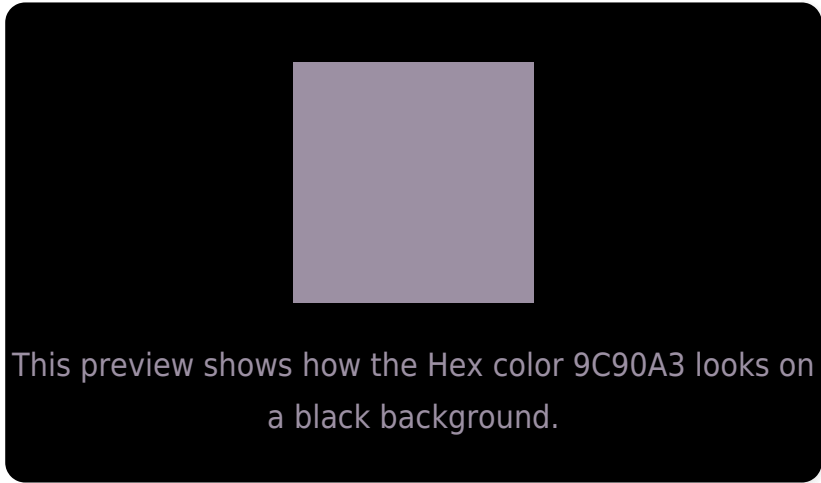
Large Text (above 18pt) WCAG AA ✓ Pass

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

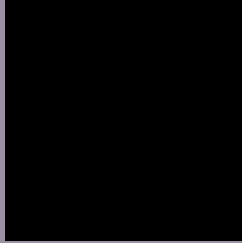
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C90A3 Background



This preview shows how black text looks on a background with the Hex color 9C90A3.



This preview shows how white text looks on a background with the Hex color 9C90A3.

# 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](#).

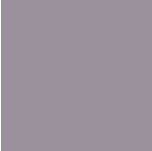
## Dichromacy



**Original Color**  
9C90A3

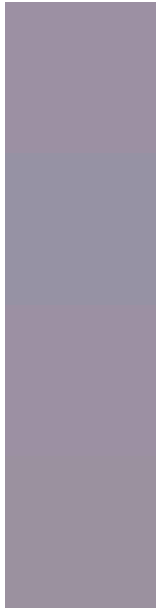
**Protanopia**  
9293A5

**Deuteranopia**  
9C90A3



**Tritanopia**  
9B919D

# Trichromacy



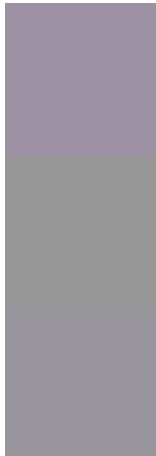
**Original Color**  
9C90A3

**Protanomaly**  
9692A4

**Deuteranomaly**  
9C90A3

**Tritanomaly**  
9B919F

# Monochromacy



**Original Color**  
9C90A3

**Achromatopsia**  
969696

**Achromatomaly**  
98949B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C90A3 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 #9C90A3 looks like.

```
.text, #text, p{  
    color:#9C90A3  
}
```

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 #9C90A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C90A3
}
```

## Border

The CSS property to change the border of an element to Hex 9C90A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

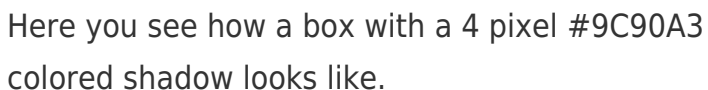
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C90A3 }
```

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

```
.border{ border-color:#9C90A3 }
```

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

A rectangular box with a purple shadow. The box is white with a thin purple border. The shadow is a darker purple, offset to the bottom and right of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #9C90A3 colored shadow looks like."

Here you see how a box with a 4 pixel #9C90A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C90A3; -webkit-box-shadow:4px 4px  
4px 4px #9C90A3; box-shadow:4px 4px 4px  
4px #9C90A3 }
```

# Background

The CSS property to change the background color of an element to Hex 9C90A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C90A3 }
```

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

```
.background{ background-color:#9C90A3 }
```

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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