

# Converting Colors

Hex(969A9B)

Have a look what the booklet for  
Hex(969A9B) contains.

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# **Color**

**Hex(969A9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	969A9B
RGB	150, 154, 155
RGB Percent	59%, 60%, 61%
CMY	0.4118, 0.3961, 0.3922
CMYK	0.03, 0.01, 0.00, 0.39
HSL	192°, 2%, 60%
HSV	192°, 3%, 61%
XYZ	30.0497, 31.9618, 35.5958
YIQ	152.9180, -2.7050, -0.5370

# Conversions

## Conversions Part 2

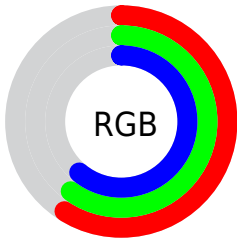
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 152, 155
Decimal	9869979
CIELab	63.31, -1.24, -1.03
CIELCh	63, 1.613, 219.831
Yxy	31.9618, 0.3079, 0.3275
Android (android.graphics.Color)	4288060059 (0xFF969A9B)
YUV	152.9180, 1.0264, -2.5591
Hunter-Lab	56.5348, -4.0585, 2.2438

# Details

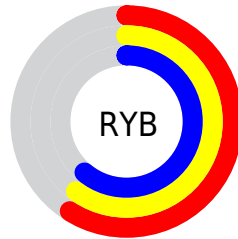
The Hex color **969A9B** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9B9796**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CCD0D1**, and **636768** is the 20% darker color. If you saturate the color by 10%, you get **87979B**, and if you desaturate by 10%, it is **A69D9B**.

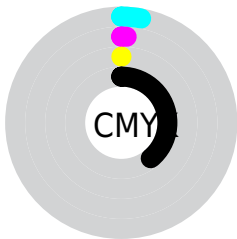
# Distribution



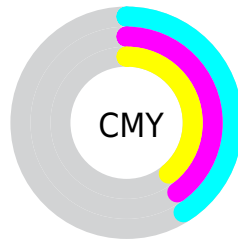
- Red (59%)
- Green (60%)
- Blue (61%)



- Red (59%)
- Yellow (60%)
- Blue (61%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (41%)
- Magenta (40%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 969A9B 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 969A9B by changing the saturation by 10% instead.



■ 969A9B

■ 969A9B

FFFFFF

■ 7C8081

■ CCD0D1

■ 636768

■ E8EDEE

■ 4B4F50

■ 353839

■ 202324

■ 080D0E

■ 000000

■ 969A9B

■ 969A9B

■ 87979B

■ A69D9B

77949B

B5A09B

68919B

C4A39B

588E9B

D4A69B

498A9B

E3AA9B

39879B

F3AD9B

2A849B

FFB09B

1A819B

FFB39B

0B7E9B

FFB69B

# Harmonies

## Analogous

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



969A9A



969A9B



979A9C

# Triad

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



969A9B



9C989A



9A9996

# Complementary

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



969A9B



9B9796

# 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.



9C9997



969A9B



9C9899

# Square

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



969A9B



9A999B



9C9897



989A97

# Rectangle

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



969A9B



98999C



9C9897



9B9996



# Sweetspot

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



969A9B



C7C9C9



969B97



656666



E6E6E6



666666



# Same Dimension

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



969A9B



C1C8C9



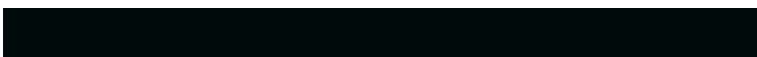
96989B



494C4D



00708C



000A0D



# Inverse Universe

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



9B969A



C9C1C8



9B9A96



4D494C



8C0070



0D000A



# Previews

## White Background



This preview shows how the Hex color 969A9B looks on a white background.

## Color Contrast Check

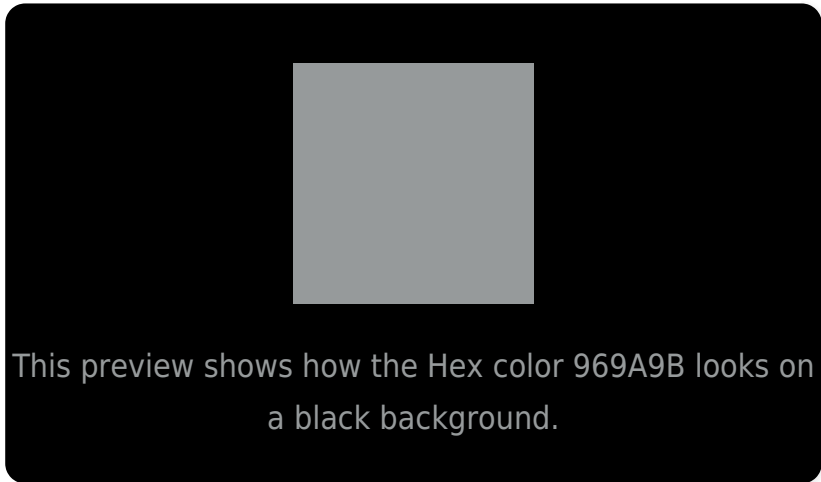
Large Text (above 18pt) WCAG AA × Fail

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

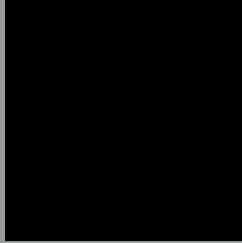
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

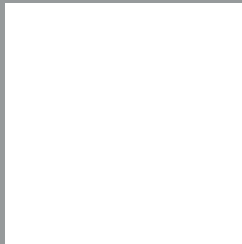
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 969A9B Background



This preview shows how black text looks on a background with the Hex color 969A9B.



This preview shows how white text looks on a background with the Hex color 969A9B.

# 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**

969A9B

**Protanopia**

9B989A

**Deuteranopia**

A7949C



**Tritanopia**  
9899A5

# Trichromacy



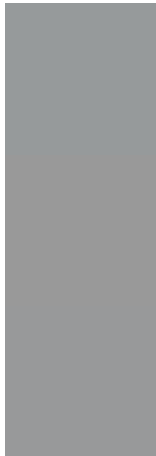
**Original Color**  
969A9B

**Protanomaly**  
99999A

**Deuteranomaly**  
A1969C

**Tritanomaly**  
9799A1

# Monochromacy



**Original Color**  
969A9B

**Achromatopsia**  
999999

**Achromatomaly**  
98999A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 969A9B 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 #969A9B looks like.

```
.text, #text, p{  
    color:#969A9B  
}
```

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 #969A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969A9B
}
```

## Border

The CSS property to change the border of an element to Hex 969A9B 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
#969A9B }
```

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

```
.border{ border-color:#969A9B }
```

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

Here you see how a box with a 4 pixel #969A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969A9B; -webkit-box-shadow:4px 4px  
4px 4px #969A9B; box-shadow:4px 4px 4px  
4px #969A9B }
```

# Background

The CSS property to change the background color of an element to Hex 969A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969A9B }
```

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

```
.background{ background-color:#969A9B }
```

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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