

# Converting Colors

Hex(969C8E)

Have a look what the booklet for  
Hex(969C8E) contains.

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# **Color**

**Hex(969C8E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	969C8E
RGB	150, 156, 142
RGB Percent	59%, 61%, 56%
CMY	0.4118, 0.3882, 0.4431
CMYK	0.04, 0.00, 0.09, 0.39
HSL	86°, 7%, 58%
HSV	86°, 9%, 61%
XYZ	29.3486, 32.2140, 30.2623
YIQ	152.6100, 0.9180, -5.6260

# Conversions

## Conversions Part 2

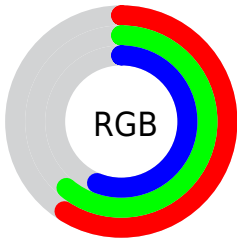
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 156, 148
Decimal	9870478
CIELab	63.52, -4.81, 6.58
CIELCh	64, 8.150, 126.130
Yxy	32.2140, 0.3196, 0.3508
Android (android.graphics.Color)	4288060558 (0xFF969C8E)
YUV	152.6100, -5.2307, -2.2890
Hunter-Lab	56.7573, -7.0249, 8.1175

# Details

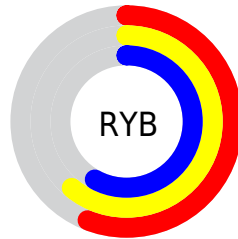
The Hex color **969C8E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **948E9C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **CCD2C4**, and **63695C** is the 20% darker color. If you saturate the color by 10%, you get **8F9C7E**, and if you desaturate by 10%, it is **9D9C9E**.

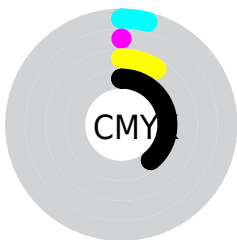
# Distribution



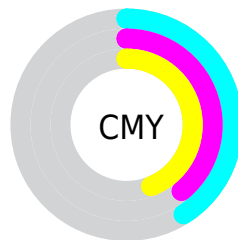
- Red (59%)
- Green (61%)
- Blue (56%)



- Red (56%)
- Yellow (61%)
- Blue (58%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (39%)



- Cyan (41%)
- Magenta (39%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 969C8E 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 969C8E by changing the saturation by 10% instead.



 969C8E

 969C8E

FFFFFF

 7C8274

 CCD2C4

 63695C

 E8EFE0

 4B5144

FFFFFFC

 353A2E

 1F2419

 070F00

 000000

 969C8E

 969C8E

 8F9C7E

 9D9C9E

■ 899C6F

■ A39CAD

■ 829C5F

■ AA9CBD

■ 7B9C50

■ B19CCC

■ 759C40

■ B79CDC

■ 6E9C30

■ BE9CEC

■ 679C21

■ C59CFB

■ 619C11

■ CB9CFF

■ 5A9C02

■ D29CFF

# Harmonies

## Analogous

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



9E9A8B



969C8E



8E9E94

# Triad

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



969C8E



8C9CA7



A99599

# Complementary

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



969C8E



948E9C

# 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.



A596A0



969C8E



949AA8

# Square

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



969C8E



889EA2



9D97A6



A99692

# Rectangle

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



969C8E



8A9E99



9D97A6



A8959B



# Sweetspot

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



969C8E



C9CCC6



9C948E



646662



E6E6E6



666666



# Same Dimension

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



969C8E



C2CCB6



8F9C8E



4C4F47



528F00



090F00



# Inverse Universe

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



948E9C



BFB6CC



9B8E9C



4B474F



3D008F

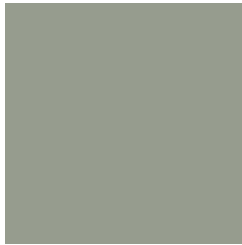


07000F



# Previews

## White Background



This preview shows how the Hex color 969C8E looks on a white background.

## Color Contrast Check

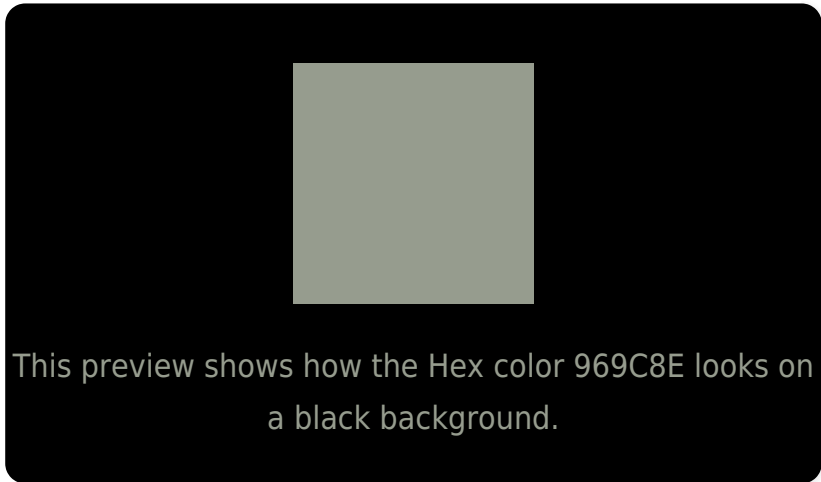
Large Text (above 18pt) WCAG AA × Fail

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

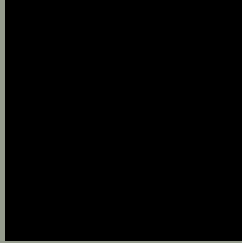
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

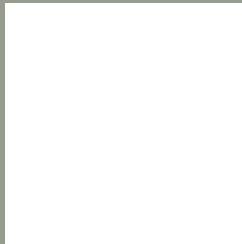
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 969C8E Background



This preview shows how black text looks on a background with the Hex color 969C8E.



This preview shows how white text looks on a background with the Hex color 969C8E.

# 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**  
969C8E

**Protanopia**  
A0998C

**Deuteranopia**  
AC9490



**Tritanopia**  
9999A5

# Trichromacy



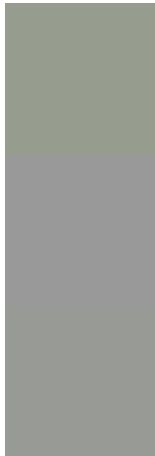
**Original Color**  
969C8E

**Protanomaly**  
9C9A8D

**Deuteranomaly**  
A4978F

**Tritanomaly**  
989A9D

# Monochromacy



**Original Color**  
969C8E

**Achromatopsia**  
999999

**Achromatomaly**  
989A95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 969C8E 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 #969C8E looks like.

```
.text, #text, p{  
    color:#969C8E  
}
```

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 #969C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969C8E
}
```

## Border

The CSS property to change the border of an element to Hex 969C8E 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
#969C8E }
```

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

```
.border{ border-color:#969C8E }
```

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

Here you see how a box with a 4 pixel #969C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969C8E; -webkit-box-shadow:4px 4px  
4px 4px #969C8E; box-shadow:4px 4px 4px  
4px #969C8E }
```

# Background

The CSS property to change the background color of an element to Hex 969C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969C8E }
```

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

```
.background{ background-color:#969C8E }
```

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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