

# Converting Colors

Hex(968F9A)

Have a look what the booklet for  
Hex(968F9A) contains.

<b>Hex(968F9A)</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(968F9A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	968F9A
RGB	150, 143, 154
RGB Percent	59%, 56%, 60%
CMY	0.4118, 0.4392, 0.3961
CMYK	0.03, 0.07, 0.00, 0.40
HSL	278°, 5%, 58%
HSV	278°, 7%, 60%
XYZ	28.2329, 28.4620, 34.5775
YIQ	146.3470, 0.6410, 4.9050

# Conversions

## Conversions Part 2

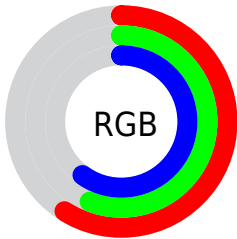
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	150, 143, 154
Decimal	9867162
CIE Lab	60.30, 4.72, -4.89
CIE LCh	60, 6.795, 313.953
Yxy	28.4620, 0.3093, 0.3118
Android (android.graphics.Color)	4288057242 (0xFF968F9A)
YUV	146.3470, 3.7729, 3.2037
Hunter-Lab	53.3498, 1.1005, -1.0827

# Details

The Hex color **968F9A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **939A8F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **CCC5D0**, and **635D67** is the 20% darker color. If you saturate the color by 10%, you get **90809A**, and if you desaturate by 10%, it is **9C9E9A**.

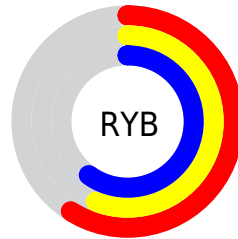
# Distribution



Red (59%)

Green (56%)

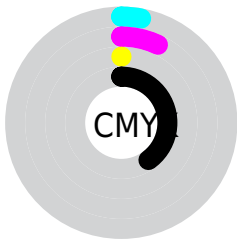
Blue (60%)



Red (59%)

Yellow (56%)

Blue (60%)

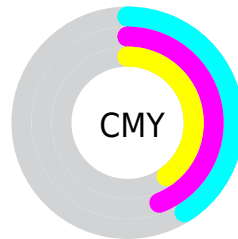


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (40%)



Cyan (41%)

Magenta (44%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 968F9A 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 968F9A by changing the saturation by 10% instead.





968F9A



968F9A

FFFFFF



7C7580



CCC5D0



635D67



E8E1ED



4B454F



FFFDFF



352F38



1F1A23



08000D



000000



968F9A



968F9A



90809A



9C9E9A

8B709A

A1AE9A

85619A

A7BD9A

80519A

ACCD9A

7A429A

B2DC9A

74339A

B8EB9A

6F239A

BDFB9A

69149A

C3FF9A

64049A

C8FF9A

# Harmonies

## Analogous

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



8F919D



968F9A



9C8E95

# Triad

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



968F9A



9A9086



839594

# Complementary

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



968F9A



939A8F

# 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.



86958E



968F9A



939286

# Square

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



968F9A



9E8E89



8C9489



849499

# Rectangle

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



968F9A



9E8D91



8C9489



849592



# Sweetspot

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



968F9A



C8C5C9



8F939A



656466



E6E6E6



666666



# Same Dimension

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



968F9A



C3B7C9



9A8F99



4A454D



59008C



08000D



# Inverse Universe

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



9A8F93



C9B7BE



8F9A90



4D4548



8C0033



0D0005



# Previews

## White Background



This preview shows how the Hex color 968F9A looks on a white background.

## Color Contrast Check

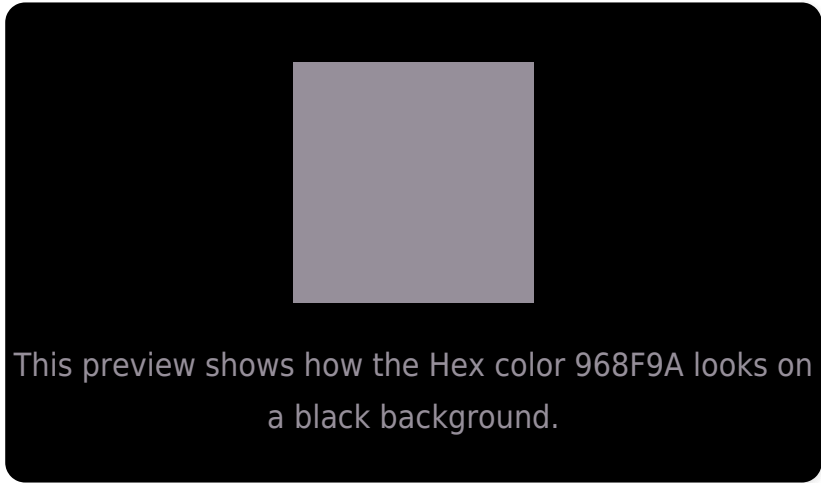
Large Text (above 18pt) WCAG AA ✓ Pass

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

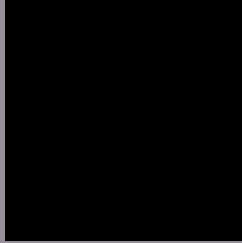
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

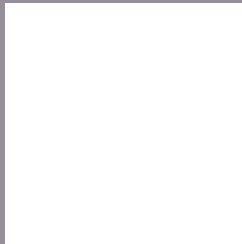
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 968F9A Background



This preview shows how black text looks on a background with the Hex color 968F9A.

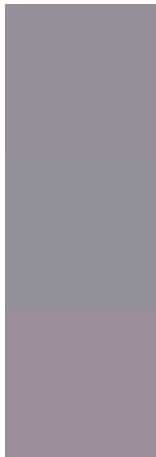


This preview shows how white text looks on a background with the Hex color 968F9A.

# 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**  
968F9A

**Protanopia**  
91909B

**Deuteranopia**  
9B8D9A



**Tritanopia**  
968F9A

# Trichromacy



**Original Color**

968F9A

**Protanomaly**

93909B

**Deuteranomaly**

998E9A

**Tritanomaly**

968F9A

# Monochromacy



**Original Color**

968F9A

**Achromatopsia**

929292

**Achromatomaly**

939195

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 968F9A 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 #968F9A looks like.

```
.text, #text, p{  
    color:#968F9A  
}
```

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 #968F9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968F9A
}
```

## Border

The CSS property to change the border of an element to Hex 968F9A is called "border". The border property can be set on classes, ids or directly on the HTML element.

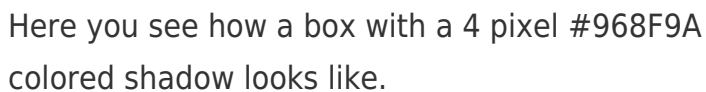
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#968F9A }
```

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

```
.border{ border-color:#968F9A }
```

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



Here you see how a box with a 4 pixel #968F9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968F9A; -webkit-box-shadow:4px 4px  
4px 4px #968F9A; box-shadow:4px 4px 4px  
4px #968F9A }
```

# Background

The CSS property to change the background color of an element to Hex 968F9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968F9A }
```

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

```
.background{ background-color:#968F9A }
```

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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