

# Converting Colors

Hex(968793)

Have a look what the booklet for  
Hex(968793) contains.

<b>Hex(968793)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(968793)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	968793
RGB	150, 135, 147
RGB Percent	59%, 53%, 58%
CMY	0.4118, 0.4706, 0.4235
CMYK	0.00, 0.10, 0.02, 0.41
HSL	312°, 7%, 56%
HSV	312°, 10%, 59%
XYZ	26.5081, 25.9186, 31.2094
YIQ	140.8530, 5.0880, 6.9120

# Conversions

## Conversions Part 2

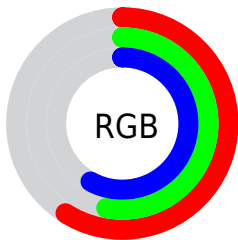
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 135, 147
Decimal	9865107
CIE <sub>Lab</sub>	57.96, 7.88, -4.35
CIE <sub>LCh</sub>	58, 9.005, 331.106
Yxy	25.9186, 0.3169, 0.3099
Android (android.graphics.Color)	4288055187 (0xFF968793)
YUV	140.8530, 3.0305, 8.0219
Hunter-Lab	50.9103, 3.8489, -0.7092

# Details

The Hex color **968793** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **87968A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CCBCC9**, and **635560** is the 20% darker color. If you saturate the color by 10%, you get **967890**, and if you desaturate by 10%, it is **969696**.

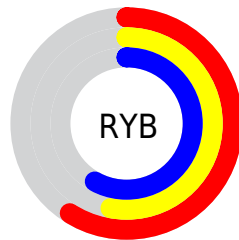
# Distribution



Red (59%)

Green (53%)

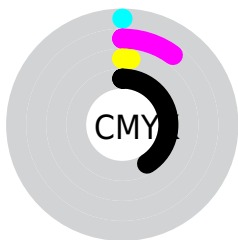
Blue (58%)



Red (59%)

Yellow (53%)

Blue (58%)

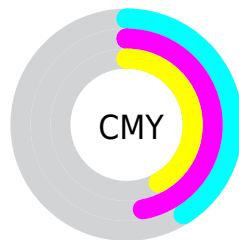


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (41%)



Cyan (41%)

Magenta (47%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 968793 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 968793 by changing the saturation by 10% instead.



 968793

 968793

FFFFFF

 7C6E79

 CCBCC9

 635560

 E8D8E5

 4B3E49

 FFF4FF

 352832

 1F141D

 000002

 000000

 968793

 968793

 967890

 969696

96698D

96A599

965A8A

96B49C

964B87

96C39F

963C84

96D2A2

962D81

96E1A5

961E7E

96F0A8

960F7B

96FFAB

960078

96FFAE

# Harmonies

## Analogous

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



8D8999



968793



9B868B

# Triad

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



968793



928B7C



789093

# Complementary

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



968793



87968A

# 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.



79908B



968793



898D7E

# Square

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



968793



99887E



808F83



7B8E99

# Rectangle

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



968793



9C8686



808F83



789091



# Sweetspot

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



968793



C2BCC1



8A8796



615D60



E0E0E0



616161



# Same Dimension

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



968793



C2ABBD



96878C



4A4348



8A006E



0A0008



# Inverse Universe

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



968793



C2ABBD



879692



4A4348



8A006E

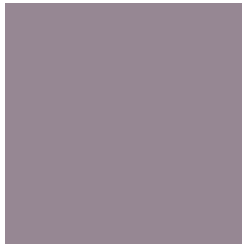


0A0008



# Previews

## White Background



This preview shows how the Hex color 968793 looks on a white background.

## Color Contrast Check

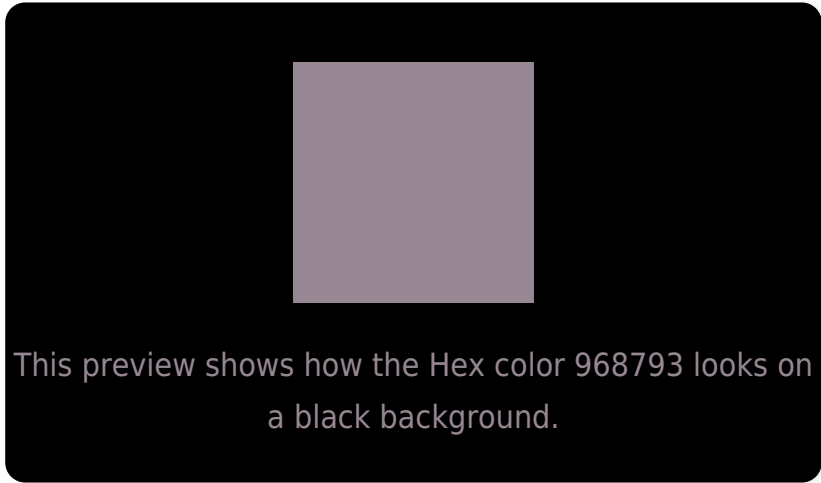
Large Text (above 18pt) WCAG AA ✓ Pass

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

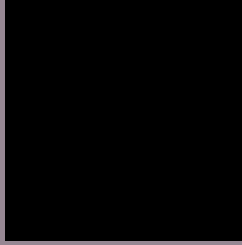
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 968793 Background



This preview shows how black text looks on a background with the Hex color 968793.



This preview shows how white text looks on a background with the Hex color 968793.

# 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**  
968793

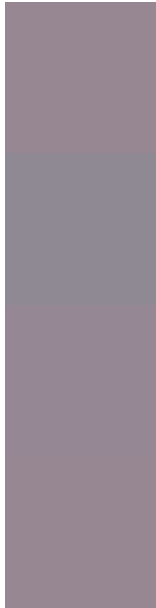
**Protanopia**  
8B8A95

**Deuteranopia**  
958793



**Tritanopia**  
968792

# Trichromacy



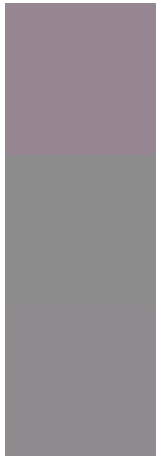
**Original Color**  
968793

**Protanomaly**  
8F8994

**Deuteranomaly**  
958793

**Tritanomaly**  
968792

# Monochromacy



**Original Color**  
968793

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
908B8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 968793 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 #968793 looks like.

```
.text, #text, p{  
    color:#968793  
}
```

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 #968793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968793
}
```

## Border

The CSS property to change the border of an element to Hex 968793 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
#968793 }
```

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

```
.border{ border-color:#968793 }
```

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

Here you see how a box with a 4 pixel #968793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968793; -webkit-box-shadow:4px 4px  
4px 4px #968793; box-shadow:4px 4px 4px  
4px #968793 }
```

# Background

The CSS property to change the background color of an element to Hex 968793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968793 }
```

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

```
.background{ background-color:#968793 }
```

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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