

# Converting Colors

Hex(98968D)

Have a look what the booklet for  
Hex(98968D) contains.

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# **Color**

**Hex(98968D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98968D
RGB	152, 150, 141
RGB Percent	60%, 59%, 55%
CMY	0.4039, 0.4118, 0.4471
CMYK	0.00, 0.01, 0.07, 0.40
HSL	49°, 5%, 57%
HSV	49°, 7%, 60%
XYZ	28.6630, 30.4112, 29.5585
YIQ	149.5720, 4.0810, -2.3750

# Conversions

## Conversions Part 2

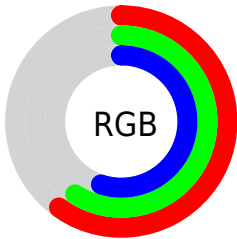
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 152, 141
Decimal	10000013
CIELab	62.01, -0.94, 5.00
CIElCh	62, 5.083, 100.667
Yxy	30.4112, 0.3234, 0.3431
Android (android.graphics.Color)	4288190093 (0xFF98968D)
YUV	149.5720, -4.2260, 2.1294
Hunter-Lab	55.1463, -3.7286, 6.8229

# Details

The Hex color **98968D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D8F98**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **CECCC3**, and **65635B** is the 20% darker color. If you saturate the color by 10%, you get **98937E**, and if you desaturate by 10%, it is **98999C**.

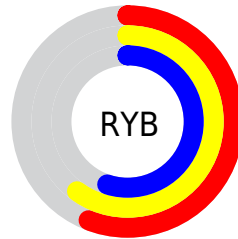
# Distribution



Red (60%)

Green (59%)

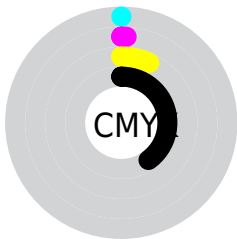
Blue (55%)



Red (56%)

Yellow (60%)

Blue (55%)

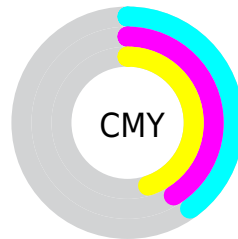


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98968D 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 98968D by changing the saturation by 10% instead.





98968D



98968D

FFFFFF



7E7C73



CECCC3



65635B



EAE8DE



4D4B43



FFFFFFB



36352D



212019



090800



000000



98968D



98968D



98937E



98999C

 98906F

 989CAB

 988E5F

 989EBB

 988B50

 98A1CA

 988841

 98A4D9

 988532

 98A7E8


 988323

 98A9F7

 988013

 98ACFF

 987D04

 98AFFF

# Harmonies

## Analogous

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



9D958D



98968D



93978F

# Triad

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



98968D



8B989B



9D9399

# Complementary

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



98968D



8D8F98

# 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.



99949D



98968D



8E979E

# Square

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



98968D



8B9997



93969F



A09394

# Rectangle

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



98968D



8F9891



93969F



9C939A



# Sweetspot

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



98968D



C4C4C0



988D8F



636361



E3E3E3



636363



# Same Dimension

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



98968D



C4C1B3



95988D



4D4B45



8C7300



0D0A00



# Inverse Universe

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



8D8F98



B3B6C4



908D98



45464D



00198C



00020D



# Previews

## White Background



This preview shows how the Hex color 98968D looks on a white background.

## Color Contrast Check

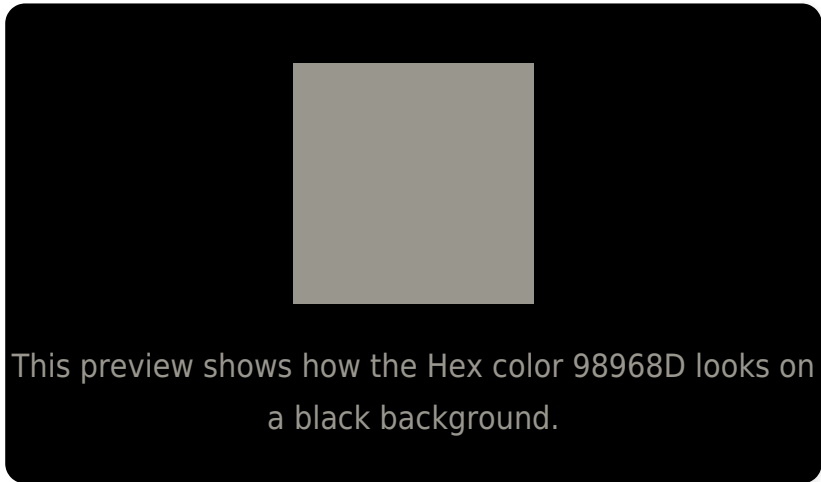
Large Text (above 18pt) WCAG AA × Fail

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

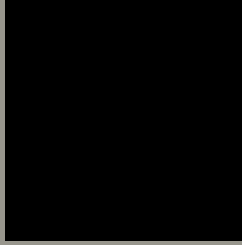
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

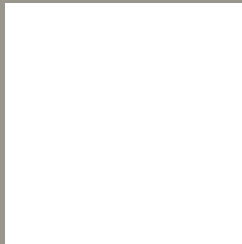
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98968D Background



This preview shows how black text looks on a background with the Hex color 98968D.



This preview shows how white text looks on a background with the Hex color 98968D.

# 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**  
98968D

**Protanopia**  
9B958D

**Deuteranopia**  
A7918E



**Tritanopia**  
9B939F

# Trichromacy



**Original Color**  
98968D

**Protanomaly**  
9A958D

**Deuteranomaly**  
A2938E

**Tritanomaly**  
9A9498

# Monochromacy



**Original Color**  
98968D

**Achromatopsia**  
969696

**Achromatomaly**  
979693

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98968D 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 #98968D looks like.

```
.text, #text, p{  
    color:#98968D  
}
```

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 #98968D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98968D
}
```

## Border

The CSS property to change the border of an element to Hex 98968D 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
#98968D }
```

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

```
.border{ border-color:#98968D }
```

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

Here you see how a box with a 4 pixel #98968D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98968D; -webkit-box-shadow:4px 4px  
4px 4px #98968D; box-shadow:4px 4px 4px  
4px #98968D }
```

# Background

The CSS property to change the background color of an element to Hex 98968D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98968D }
```

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

```
.background{ background-color:#98968D }
```

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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