

# Converting Colors

Hex(968D78)

Have a look what the booklet for  
Hex(968D78) contains.

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# Color

**Hex(968D78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	968D78
RGB	150, 141, 120
RGB Percent	59%, 55%, 47%
CMY	0.4118, 0.4471, 0.5294
CMYK	0.00, 0.06, 0.20, 0.41
HSL	42°, 13%, 53%
HSV	42°, 20%, 59%
XYZ	25.4927, 26.8898, 21.6159
YIQ	141.2970, 12.1050, -4.6230

# Conversions

## Conversions Part 2

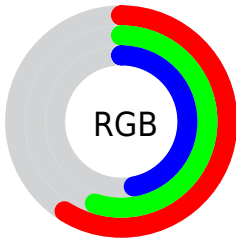
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 150, 120
Decimal	9866616
CIELab	58.87, -0.27, 12.42
CIElCh	59, 12.421, 91.269
Yxy	26.8898, 0.3445, 0.3634
Android (android.graphics.Color)	4288056696 (0xFF968D78)
YUV	141.2970, -10.4994, 7.6325
Hunter-Lab	51.8554, -2.9944, 11.5837

# Details

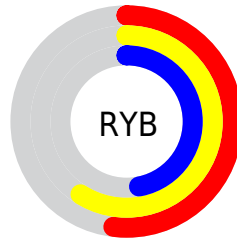
The Hex color **968D78** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **788196**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CCC3AC**, and **635B47** is the 20% darker color. If you saturate the color by 10%, you get **968969**, and if you desaturate by 10%, it is **969287**.

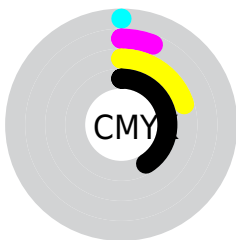
# Distribution



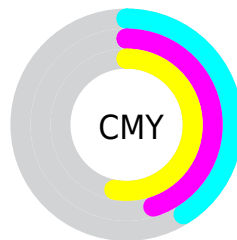
- Red (59%)
- Green (55%)
- Blue (47%)



- Red (52%)
- Yellow (59%)
- Blue (47%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (41%)



- Cyan (41%)
- Magenta (45%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 968D78 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 968D78 by changing the saturation by 10% instead.





968D78



968D78

FFFFFF



7C745F



CCC3AC



635B47



E9DEC8



4B4431



FFFBE4



342D1C



1F1902



000000



968D78



968D78



968969



969287



96845A



969696

96804B

969BA5

967B3C

969FB4

96772D

96A3C3

96721E

96A8D2

966E0F

96ACE1

966900

96B1F0

96B5FF

# Harmonies

## Analogous

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



A0897B



968D78



8A907B

# Triad

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



968D78



729498



9C8898

# Complementary

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



968D78



788196

# 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.



908BA0



968D78



7792A0

# Square

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



968D78



74948E



828EA3



A4868E

# Rectangle

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



968D78



819280



828EA3



99899B



# Sweetspot

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



968D78



C2BEB6



967881



615F5A



E0E0E0



616161



# Same Dimension

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



968D78



C2B493



909678



4A4843



8A6000



0A0700



# Inverse Universe

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



788196



93A1C2



7E7896



43454A



00298A



00030A



# Previews

## White Background



This preview shows how the Hex color 968D78 looks on a white background.

## Color Contrast Check

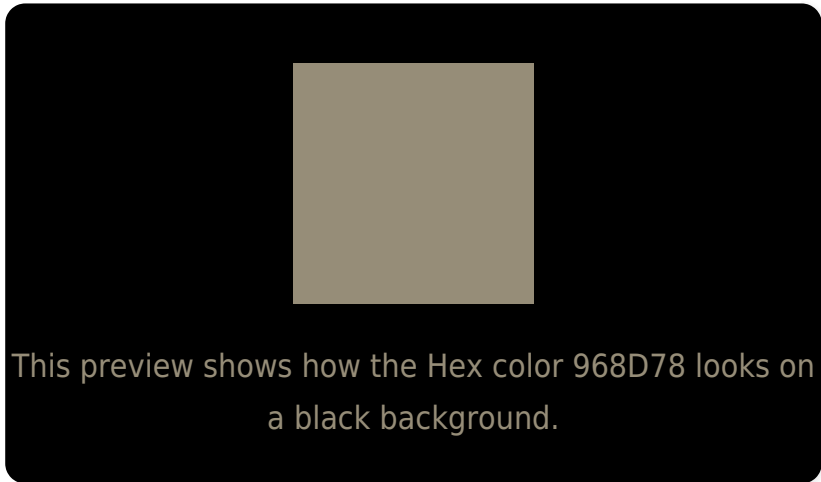
Large Text (above 18pt) WCAG AA ✓ Pass

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

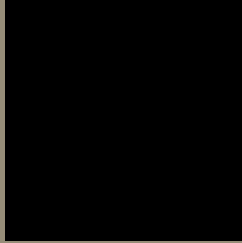
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 968D78 Background



This preview shows how black text looks on a background with the Hex color 968D78.



This preview shows how white text looks on a background with the Hex color 968D78.

# 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**  
968D78

**Protanopia**  
958D78

**Deuteranopia**  
A38879



**Tritanopia**  
9A8994

# Trichromacy



**Original Color**  
968D78

**Protanomaly**  
958D78

**Deuteranomaly**  
9E8A79

**Tritanomaly**  
998A8A

# Monochromacy



**Original Color**  
968D78

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
908D85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 968D78 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 #968D78 looks like.

```
.text, #text, p{  
    color:#968D78  
}
```

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 #968D78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968D78
}
```

## Border

The CSS property to change the border of an element to Hex 968D78 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
#968D78 }
```

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

```
.border{ border-color:#968D78 }
```

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

Here you see how a box with a 4 pixel #968D78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968D78; -webkit-box-shadow:4px 4px  
4px 4px #968D78; box-shadow:4px 4px 4px  
4px #968D78 }
```

# Background

The CSS property to change the background color of an element to Hex 968D78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968D78 }
```

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

```
.background{ background-color:#968D78 }
```

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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