

# Converting Colors

Hex(968C75)

Have a look what the booklet for  
Hex(968C75) contains.

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**Color**

**Hex(968C75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	968C75
RGB	150, 140, 117
RGB Percent	59%, 55%, 46%
CMY	0.4118, 0.4510, 0.5412
CMYK	0.00, 0.07, 0.22, 0.41
HSL	42°, 14%, 52%
HSV	42°, 22%, 59%
XYZ	25.1666, 26.5246, 20.6229
YIQ	140.3680, 13.3430, -5.0330

# Conversions

## Conversions Part 2

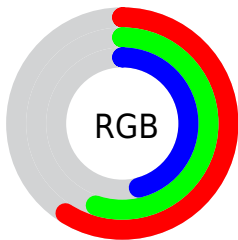
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 150, 117
Decimal	9866357
CIELab	58.53, -0.19, 13.65
CIElCh	59, 13.646, 90.788
Yxy	26.5246, 0.3480, 0.3668
Android (android.graphics.Color)	4288056437 (0xFF968C75)
YUV	140.3680, -11.5204, 8.4473
Hunter-Lab	51.5020, -2.9038, 12.3099

# Details

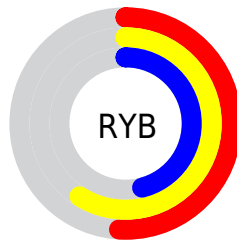
The Hex color **968C75** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **757F96**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **CCC1A9**, and **635A45** is the 20% darker color. If you saturate the color by 10%, you get **968766**, and if you desaturate by 10%, it is **969184**.

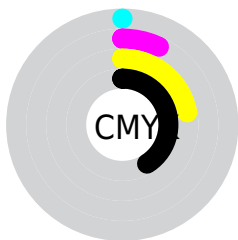
# Distribution



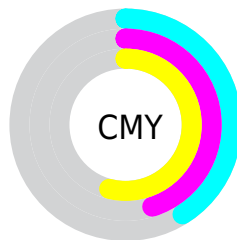
- Red (59%)
- Green (55%)
- Blue (46%)



- Red (51%)
- Yellow (59%)
- Blue (46%)



- Cyan (0%)
- Magenta (7%)
- Yellow (22%)
- Black (41%)



- Cyan (41%)
- Magenta (45%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 968C75 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 968C75 by changing the saturation by 10% instead.





968C75



968C75

FFFFFF



7C735C



CCC1A9



635A45



E9DDC4



4B432E



FFFAE0



342D19

FFFFFFD



1F1800



000000



968C75



968C75



968766



969184



968357



969593

 967E48

 969AA2

 967A39

 969EB1

 96752A

 96A3C0

 96711B

 96A7CF

 966C0C

 96ACDE

 966900

 96B0ED

 96B5FC

# Harmonies

## Analogous

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



A08878



968C75



899078

# Triad

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



968C75



6D9398



9D8699

# Complementary

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



968C75



757F96

# 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.



8F8AA1



968C75



7391A1

# Square

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



968C75



71948D



808EA4



A5858D

# Rectangle

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



968C75



80927D



808EA4



99879C



# Sweetspot

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



968C75



C2BEB4



96757F



615F59



E0E0E0



616161



# Same Dimension

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



968C75



C2B38F



909675



4A4843



8A6000



0A0700



# Inverse Universe

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



757F96



8F9FC2



7B7596



43454A



002A8A



00030A



# Previews

## White Background



This preview shows how the Hex color 968C75 looks on a white background.

## Color Contrast Check

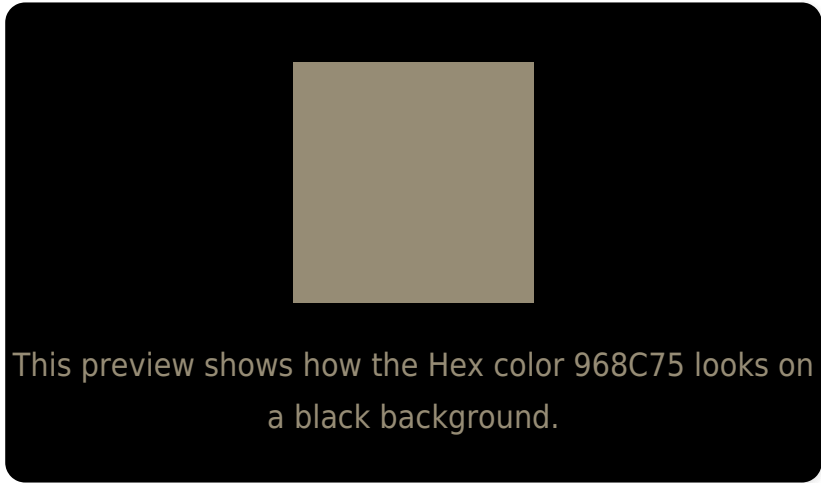
Large Text (above 18pt) WCAG AA ✓ Pass

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

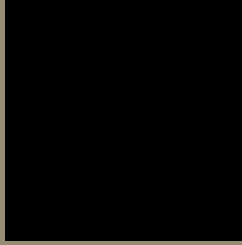
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 968C75 Background



This preview shows how black text looks on a background with the Hex color 968C75.



This preview shows how white text looks on a background with the Hex color 968C75.

# 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**  
968C75

**Protanopia**  
958C75

**Deuteranopia**  
A28776



**Tritanopia**  
9A8893

# Trichromacy



**Original Color**  
968C75

**Protanomaly**  
958C75

**Deuteranomaly**  
9E8976

**Tritanomaly**  
998988

# Monochromacy



**Original Color**  
968C75

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
908C84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 968C75 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 #968C75 looks like.

```
.text, #text, p{  
    color:#968C75  
}
```

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 #968C75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968C75  
}
```

## Border

The CSS property to change the border of an element to Hex 968C75 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  
#968C75 }
```

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

```
.border{ border-color:#968C75 }
```

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

Here you see how a box with a 4 pixel #968C75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968C75; -webkit-box-shadow:4px 4px  
4px 4px #968C75; box-shadow:4px 4px 4px  
4px #968C75 }
```

# Background

The CSS property to change the background color of an element to Hex 968C75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968C75 }
```

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

```
.background{ background-color:#968C75 }
```

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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