

# Converting Colors

Hex(968E72)

Have a look what the booklet for  
Hex(968E72) contains.

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**Color**

**Hex(968E72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	968E72
RGB	150, 142, 114
RGB Percent	59%, 56%, 45%
CMY	0.4118, 0.4431, 0.5529
CMYK	0.00, 0.05, 0.24, 0.41
HSL	47°, 15%, 52%
HSV	47°, 24%, 59%
XYZ	25.2879, 27.0449, 19.8070
YIQ	141.2000, 13.7560, -7.0120

# Conversions

## Conversions Part 2

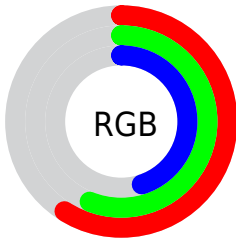
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 150, 114
Decimal	9866866
CIELab	59.02, -1.76, 16.02
CIElCh	59, 16.112, 96.271
Yxy	27.0449, 0.3505, 0.3749
Android (android.graphics.Color)	4288056946 (0xFF968E72)
YUV	141.2000, -13.4096, 7.7176
Hunter-Lab	52.0047, -4.2105, 13.8216

# Details

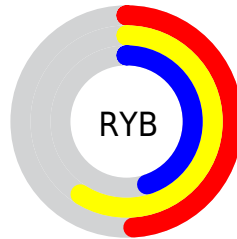
The Hex color **968E72** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **727A96**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CCC4A6**, and **635C42** is the 20% darker color. If you saturate the color by 10%, you get **968B63**, and if you desaturate by 10%, it is **969181**.

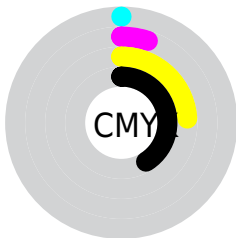
# Distribution



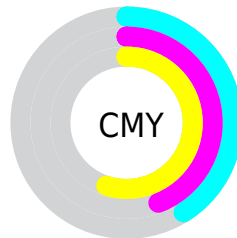
- Red (59%)
- Green (56%)
- Blue (45%)



- Red (49%)
- Yellow (59%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 968E72 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 968E72 by changing the saturation by 10% instead.





968E72



968E72

FFFFFF



7C7459



CCC4A6



635C42



E9E0C1



4B442C



FFFCDD



332E17



FFFFFFA



1F1900



000000



968E72



968E72



968B63



969181



968754



969590

 968445

 96989F

 968136

 969BAE

 967D27

 969FBD

 967A18

 96A2CC

 967709

 96A5DB

 967500

 96A9EA

 96ACF9

# Harmonies

## Analogous

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



A38975



968E72



869277

# Triad

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



968E72



68959E



A3869A

# Complementary

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



968E72



727A96

# 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.



9489A5



968E72



7193A7

# Square

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



968E72



6B9691



828EAA



AB848B

# Rectangle

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



968E72



7B947E



828EAA



9F879E



# Sweetspot

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



968E72



C2BFB4



96727A



615F59



E0E0E0



616161



# Same Dimension

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



968E72



C2B58A



8C9672



4A4843



8A6B00



0A0800



# Inverse Universe

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



727A96



8A96C2



7C7296



43444A



001F8A



00020A



# Previews

## White Background



This preview shows how the Hex color 968E72 looks on a white background.

## Color Contrast Check

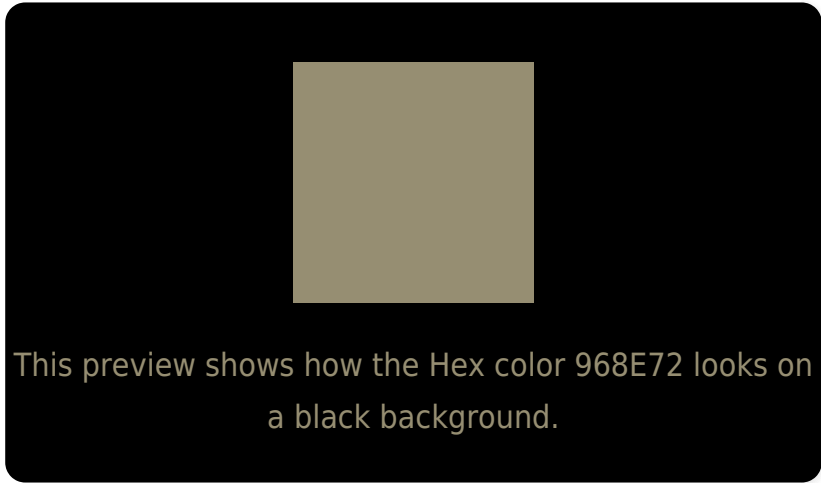
Large Text (above 18pt) WCAG AA ✓ Pass

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

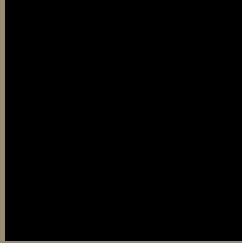
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 968E72 Background



This preview shows how black text looks on a background with the Hex color 968E72.



This preview shows how white text looks on a background with the Hex color 968E72.

# 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**  
968E72

**Protanopia**  
978E72

**Deuteranopia**  
A58873



**Tritanopia**  
9A8994

# Trichromacy



**Original Color**  
968E72

**Protanomaly**  
978E72

**Deuteranomaly**  
A08A73

**Tritanomaly**  
998B88

# Monochromacy



**Original Color**  
968E72

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
908D83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 968E72 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 #968E72 looks like.

```
.text, #text, p{  
    color:#968E72  
}
```

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 #968E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968E72
}
```

## Border

The CSS property to change the border of an element to Hex 968E72 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
#968E72 }
```

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

```
.border{ border-color:#968E72 }
```

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

Here you see how a box with a 4 pixel #968E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968E72; -webkit-box-shadow:4px 4px  
4px 4px #968E72; box-shadow:4px 4px 4px  
4px #968E72 }
```

# Background

The CSS property to change the background color of an element to Hex 968E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968E72 }
```

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

```
.background{ background-color:#968E72 }
```

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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