

# Converting Colors

Hex(968E57)

Have a look what the booklet for  
Hex(968E57) contains.

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**Color**

**Hex(968E57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	968E57
RGB	150, 142, 87
RGB Percent	59%, 56%, 34%
CMY	0.4118, 0.4431, 0.6588
CMYK	0.00, 0.05, 0.42, 0.41
HSL	52°, 27%, 46%
HSV	52°, 42%, 59%
XYZ	23.9710, 26.5182, 12.8719
YIQ	138.1220, 22.4230, -15.4090

# Conversions

## Conversions Part 2

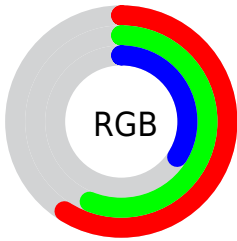
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 150, 87
Decimal	9866839
CIE Lab	58.53, -5.33, 30.33
CIE LCh	59, 30.799, 99.964
Yxy	26.5182, 0.3783, 0.4185
Android (android.graphics.Color)	4288056919 (0xFF968E57)
YUV	138.1220, -25.2031, 10.4170
Hunter-Lab	51.4958, -7.0269, 21.2269

# Details

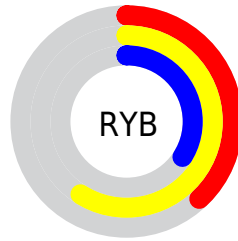
The Hex color **968E57** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **575F96**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **CDC48A**, and **625C28** is the 20% darker color. If you saturate the color by 10%, you get **968C48**, and if you desaturate by 10%, it is **969066**.

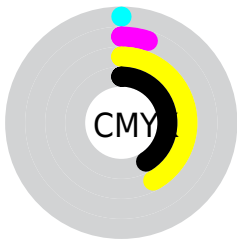
# Distribution



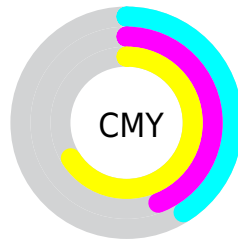
- Red (59%)
- Green (56%)
- Blue (34%)



- Red (38%)
- Yellow (59%)
- Blue (34%)



- Cyan (0%)
- Magenta (5%)
- Yellow (42%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 968E57 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 968E57 by changing the saturation by 10% instead.





968E57



968E57

FFFFFF



7B753F



CDC48A



625C28



EADFA4



494511



FFFC00



322E00



FFFFDC



1A1A00



FFFFF8



000000



968E57



968E57



968C48



969066



968A39



969275

 96882A

 969484

 96861B

 969693

 96840C

 9698A2

 968300

 9699B1

 969BC0

 969DCF

 969FDE

# Harmonies

## Analogous

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



AE855A



968E57



789563

# Triad

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



968E57



289AAF



B67AA0

# Complementary

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



968E57



575F96

# 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.



9C83B6



968E57



4995BF

# Square

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



968E57



369B95



758CC2



C17885

# Rectangle

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



968E57



639971



758CC2



AF7DA8



# Sweetspot

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



968E57



C2BFA9



96575F



615F51



E0E0E0



616161



# Same Dimension

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



968E57



C2B561



7F9657



4A4943



8A7800



0A0900



# Inverse Universe

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



575F96



616DC2



6E5796



43434A



00118A



00010A



# Previews

## White Background



This preview shows how the Hex color 968E57 looks on a white background.

## Color Contrast Check

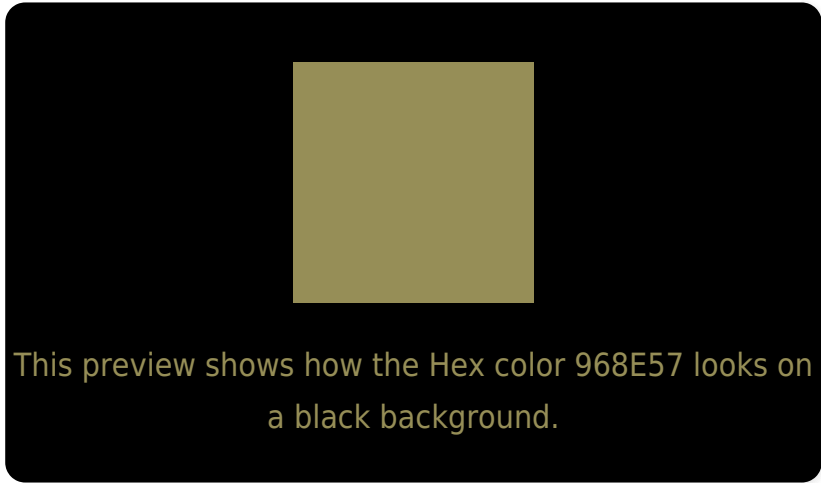
Large Text (above 18pt) WCAG AA ✓ Pass

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

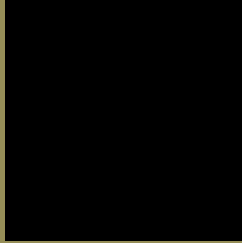
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 968E57 Background



This preview shows how black text looks on a background with the Hex color 968E57.



This preview shows how white text looks on a background with the Hex color 968E57.

# 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**  
968E57

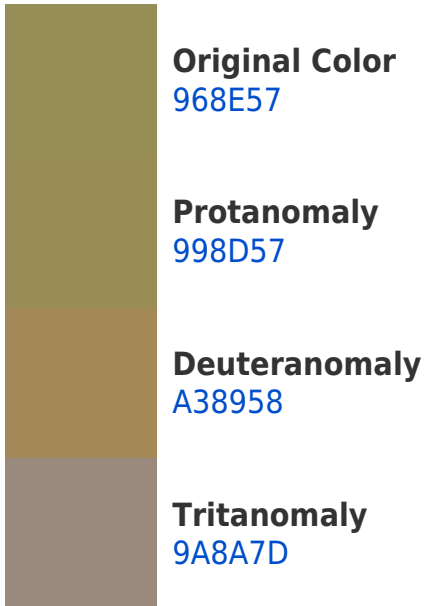
**Protanopia**  
9A8D57

**Deuteranopia**  
AA8659

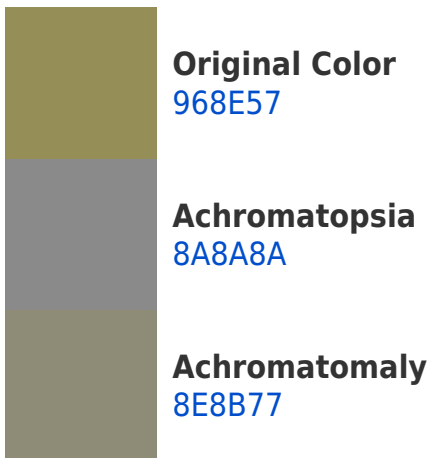


**Tritanopia**  
9C8792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 968E57 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 #968E57 looks like.

```
.text, #text, p{  
    color:#968E57  
}
```

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 #968E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #968E57  
}
```

## Border

The CSS property to change the border of an element to Hex 968E57 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  
#968E57 }
```

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

```
.border{ border-color:#968E57 }
```

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

Here you see how a box with a 4 pixel #968E57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #968E57; -webkit-box-shadow:4px 4px  
4px 4px #968E57; box-shadow:4px 4px 4px  
4px #968E57 }
```

# Background

The CSS property to change the background color of an element to Hex 968E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#968E57 }
```

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

```
.background{ background-color:#968E57 }
```

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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