

# Converting Colors

Hex(986E67)

Have a look what the booklet for  
Hex(986E67) contains.

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**Color**

**Hex(986E67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	986E67
RGB	152, 110, 103
RGB Percent	60%, 43%, 40%
CMY	0.4039, 0.5686, 0.5961
CMYK	0.00, 0.28, 0.32, 0.40
HSL	9°, 19%, 50%
HSV	9°, 32%, 60%
XYZ	20.9730, 18.8065, 15.3566
YIQ	121.7600, 27.2790, 6.7270

# Conversions

## Conversions Part 2

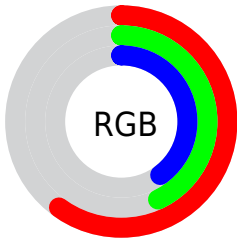
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 111, 103
Decimal	9989735
CIE <sub>Lab</sub>	50.46, 15.68, 10.48
CIE <sub>LCh</sub>	50, 18.857, 33.766
Yxy	18.8065, 0.3804, 0.3411
Android (android.graphics.Color)	4288179815 (0xFF986E67)
YUV	121.7600, -9.2487, 26.5205
Hunter-Lab	43.3665, 10.4352, 9.3613

# Details

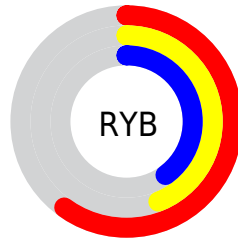
The Hex color **986E67** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **679198**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **CFA29A**, and **643E38** is the 20% darker color. If you saturate the color by 10%, you get **986158**, and if you desaturate by 10%, it is **987B76**.

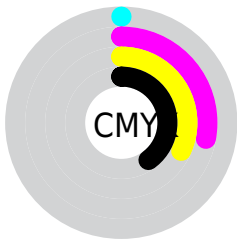
# Distribution



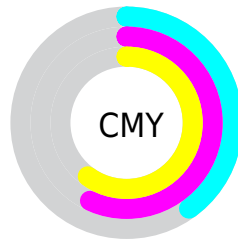
- Red (60%)
- Green (43%)
- Blue (40%)



- Red (60%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (32%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 986E67 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 986E67 by changing the saturation by 10% instead.





986E67



986E67

FFFFFF



7D554F



CFA29A



643E38



ECBDB5



4B2823



FFD9D0



33130D



FFF5ED



1E0000



000000



986E67



986E67



986158



987B76



985449



988885

 984739

 989595

 983A2A

 98A2A4

 982D1B

 98AFB3

 98200C

 98BCC2

 981600

 98C9D1

 98D6E1

 98E3F0

# Harmonies

## Analogous

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



986C77



986E67



90725C

# Triad

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



986E67



5E8069



677998

# Complementary

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



986E67



679198

# 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.



537E94



986E67



4F817A

# Square

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



986E67



707D5D



498089



7D7393

# Rectangle

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



986E67



877658



498089



607B98



# Sweetspot

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



986E67



C4B4B1



986791



635958



E3E3E3



636363



# Same Dimension

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



986E67



C48378



988667



4D4645



8C1400



0D0200



# Inverse Universe

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



679198



78B9C4



677998



454B4D



00788C



000B0D



# Previews

## White Background



This preview shows how the Hex color 986E67 looks on a white background.

## Color Contrast Check

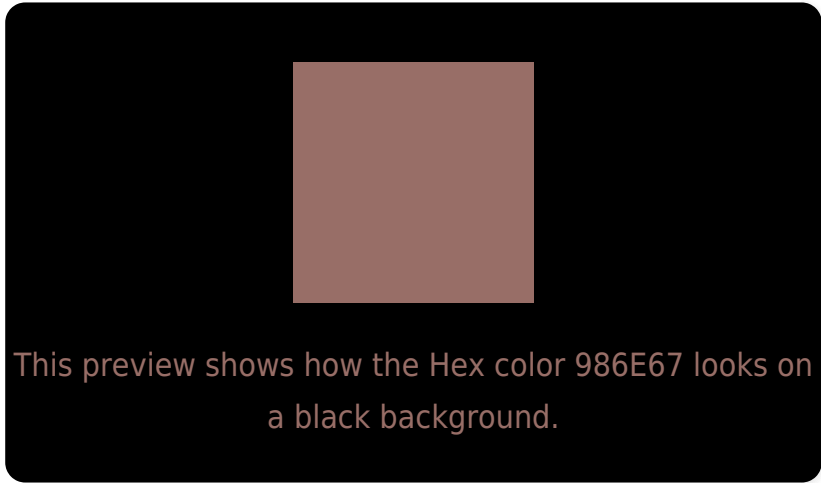
Large Text (above 18pt) WCAG AA ✓ Pass

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 986E67 Background



This preview shows how black text looks on a background with the Hex color 986E67.

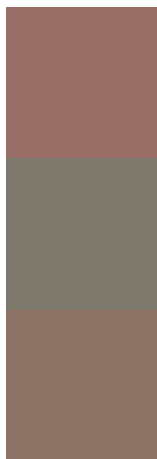


This preview shows how white text looks on a background with the Hex color 986E67.

# 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**  
986E67

**Protanopia**  
7D786C

**Deuteranopia**  
8B7466



**Tritanopia**  
996C74

# Trichromacy



**Original Color**  
986E67

**Protanomaly**  
87746A

**Deuteranomaly**  
907266

**Tritanomaly**  
996D6F

# Monochromacy



**Original Color**  
986E67

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
857673

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 986E67 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 #986E67 looks like.

```
.text, #text, p{  
    color:#986E67  
}
```

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 #986E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #986E67  
}
```

## Border

The CSS property to change the border of an element to Hex 986E67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

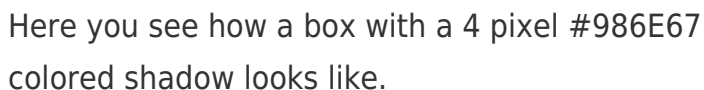
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#986E67 }
```

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

```
.border{ border-color:#986E67 }
```

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



Here you see how a box with a 4 pixel #986E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #986E67; -webkit-box-shadow:4px 4px  
4px 4px #986E67; box-shadow:4px 4px 4px  
4px #986E67 }
```

# Background

The CSS property to change the background color of an element to Hex 986E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#986E67 }
```

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

```
.background{ background-color:#986E67 }
```

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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