

# Converting Colors

Hex(987F6D)

Have a look what the booklet for  
Hex(987F6D) contains.

<b>Hex(987F6D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(987F6D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	987F6D
RGB	152, 127, 109
RGB Percent	60%, 50%, 43%
CMY	0.4039, 0.5020, 0.5725
CMYK	0.00, 0.16, 0.28, 0.40
HSL	25°, 17%, 51%
HSV	25°, 28%, 60%
XYZ	23.2986, 22.9583, 17.6714
YIQ	132.4230, 20.6780, -0.2980

# Conversions

## Conversions Part 2

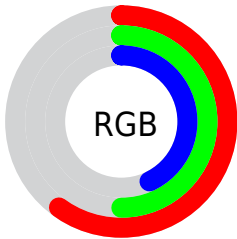
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 140, 109
Decimal	9994093
CIE <sub>Lab</sub>	55.03, 6.76, 13.37
CIE <sub>LCh</sub>	55, 14.982, 63.181
Yxy	22.9583, 0.3644, 0.3591
Android (android.graphics.Color)	4288184173 (0xFF987F6D)
YUV	132.4230, -11.5475, 17.1690
Hunter-Lab	47.9148, 2.9448, 11.6736

# Details

The Hex color **987F6D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6D8698**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **CFB4A1**, and **644E3D** is the 20% darker color. If you saturate the color by 10%, you get **98765E**, and if you desaturate by 10%, it is **98887C**.

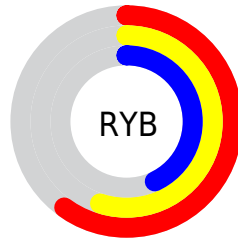
# Distribution



Red (60%)

Green (50%)

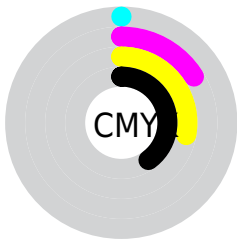
Blue (43%)



Red (60%)

Yellow (55%)

Blue (43%)

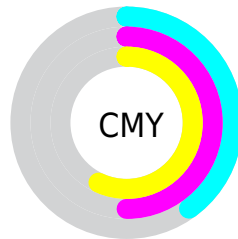


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (40%)



Cyan (40%)

Magenta (50%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 987F6D 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 987F6D by changing the saturation by 10% instead.



 987F6D

 987F6D

FFFFFF

 7E6655

 CFB4A1

 644E3D

 EBCFBC

 4C3728

 FFEBD7

 342213

 FFFFF4

 1F0C00

 000000

 987F6D

 987F6D

 98765E

 98887C

 986D4F

 98918B

98643F

989A9B

985C30

98A2AA

985321

98ABB9

984A12

98B4C8

984103

98BDD7

984000

98C6E7

98CFF6

# Harmonies

## Analogous

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



9E7C76



987F6D



8C836A

# Triad

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



987F6D



648B85



888099

# Complementary

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



987F6D



6D8698

# 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.



77849D



987F6D



618B91

# Square

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



987F6D



6F8A78



68889A



967C90

# Rectangle

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



987F6D



83866C



68889A



82819B



# Sweetspot

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



987F6D



C4BBB5



986D86



635E5A



E3E3E3



636363



# Same Dimension

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



987F6D



C49E82



98946D



4D4845



8C3B00



0D0500



# Inverse Universe

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



6D8698



82A8C4



6D7198



45494D



00528C



00070D



# Previews

## White Background



This preview shows how the Hex color 987F6D looks on a white background.

## Color Contrast Check

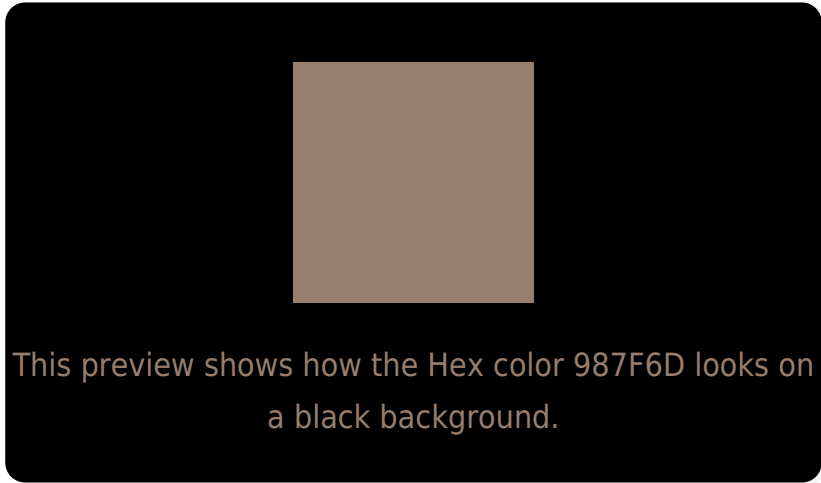
Large Text (above 18pt) WCAG AA ✓ Pass

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 987F6D Background



This preview shows how black text looks on a background with the Hex color 987F6D.



This preview shows how white text looks on a background with the Hex color 987F6D.

# 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**  
987F6D

**Protanopia**  
8B846F

**Deuteranopia**  
997F6D



**Tritanopia**  
9B7C85

# Trichromacy



**Original Color**  
987F6D

**Protanomaly**  
90826E

**Deuteranomaly**  
997F6D

**Tritanomaly**  
9A7D7C

# Monochromacy



**Original Color**  
987F6D

**Achromatopsia**  
848484

**Achromatomaly**  
8B827C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 987F6D 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 #987F6D looks like.

```
.text, #text, p{  
    color:#987F6D  
}
```

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 #987F6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #987F6D
}
```

## Border

The CSS property to change the border of an element to Hex 987F6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

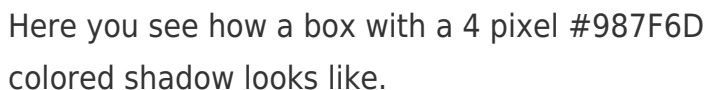
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#987F6D }
```

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

```
.border{ border-color:#987F6D }
```

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



Here you see how a box with a 4 pixel #987F6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #987F6D; -webkit-box-shadow:4px 4px  
4px 4px #987F6D; box-shadow:4px 4px 4px  
4px #987F6D }
```

# Background

The CSS property to change the background color of an element to Hex 987F6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#987F6D }
```

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

```
.background{ background-color:#987F6D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor