

Converting Colors

Hex(97786D)

Have a look what the booklet for
Hex(97786D) contains.

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Color

Hex(97786D)

Conversions

Conversions Part 1

Format	Color
Hex	97786D
RGB	151, 120, 109
RGB Percent	59%, 47%, 43%
CMY	0.4078, 0.5294, 0.5725
CMYK	0.00, 0.21, 0.28, 0.41
HSL	16°, 17%, 51%
HSV	16°, 28%, 59%
XYZ	22.2393, 21.1164, 17.3717
YIQ	128.0150, 22.0070, 3.1510

Conversions

Conversions Part 2

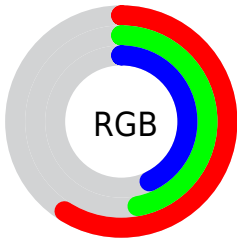
Format	Color
R_{YB}	151, 124, 109
Decimal	9926765
CIE Lab	53.08, 10.36, 10.62
CIE LCh	53, 14.839, 45.721
Yxy	21.1164, 0.3662, 0.3477
Android (android.graphics.Color)	4288116845 (0xFF97786D)
YUV	128.0150, -9.3744, 20.1578
Hunter-Lab	45.9526, 5.9702, 9.7530

Details

The Hex color **97786D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6D8C97**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **CEACA0**, and **63473E** is the 20% darker color. If you saturate the color by 10%, you get **976D5E**, and if you desaturate by 10%, it is **97837C**.

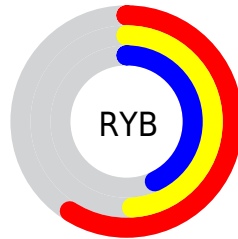
Distribution



Red (59%)

Green (47%)

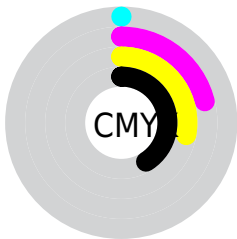
Blue (43%)



Red (59%)

Yellow (49%)

Blue (43%)

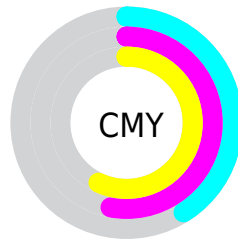


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97786D 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 97786D by changing the saturation by 10% instead.

 97786D

 97786D

FFFFFF

 7D5F55

 CEACA0

 63473E

 EAC8BB

 4B3128

 FFE4D7

 331C13

 FFFFF4

 1F0300

 000000

 97786D

 97786D

 976D5E

 97837C

 97624F

 978E8B

■ 975740

■ 97999A

■ 974B31

■ 97A5A9

■ 974021

■ 97B0B9

■ 973512

■ 97BBC8

■ 972A03

■ 97C6D7

■ 972800

■ 97D1E6

■ 97DCF5

Harmonies

Analogous

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



997678



97786D



8E7C66

Triad

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



97786D



668678



797E97

Complementary

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



97786D



6D8C97

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.



698297



97786D



5D8685

Square

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



97786D



73846D



5E8590



897991

Rectangle

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



97786D



867F65



5E8590



737F98

Sweetspot

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



97786D



C4B9B5



976D8D



635C5A



E3E3E3



636363

Same Dimension

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



97786D



C49584



978D6D



4D4745



8C2500



0D0300

Inverse Universe

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



6D8C97



84B3C4



6D7797



454A4D



00688C



00090D

Previews

White Background



This preview shows how the Hex color 97786D looks on a white background.

Color Contrast Check

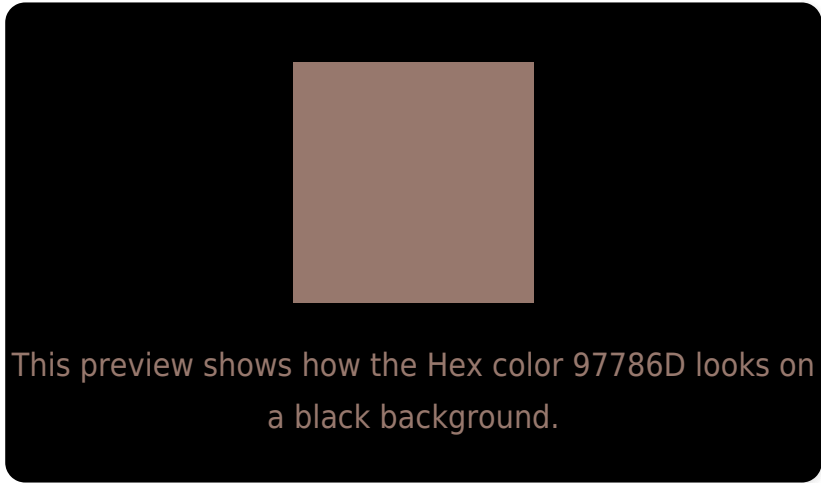
Large Text (above 18pt) WCAG AA ✓ Pass

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 97786D Background



This preview shows how black text looks on a background with the Hex color 97786D.



This preview shows how white text looks on a background with the Hex color 97786D.

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
97786D

Protanopia
857F70

Deuteranopia
927A6D



Tritanopia
99757E

Trichromacy



Original Color
97786D

Protanomaly
8C7C6F

Deuteranomaly
94796D

Tritanomaly
987678

Monochromacy



Original Color
97786D

Achromatopsia
808080

Achromatomaly
887D79

CSS Examples

Text

The CSS property to change the color of the text to Hex 97786D 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 #97786D looks like.

```
.text, #text, p{  
    color:#97786D  
}
```

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 #97786D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97786D
}
```

Border

The CSS property to change the border of an element to Hex 97786D is called "border". The border property can be set on classes, ids or directly on the HTML element.

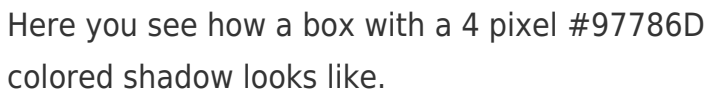
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97786D }
```

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

```
.border{ border-color:#97786D }
```

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



Here you see how a box with a 4 pixel #97786D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97786D; -webkit-box-shadow:4px 4px  
4px 4px #97786D; box-shadow:4px 4px 4px  
4px #97786D }
```

Background

The CSS property to change the background color of an element to Hex 97786D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97786D }
```

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

```
.background{ background-color:#97786D }
```

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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