

# Converting Colors

Hex(97826F)

Have a look what the booklet for  
Hex(97826F) contains.

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**Color**

**Hex(97826F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97826F
RGB	151, 130, 111
RGB Percent	59%, 51%, 44%
CMY	0.4078, 0.4902, 0.5647
CMYK	0.00, 0.14, 0.26, 0.41
HSL	28°, 16%, 51%
HSV	28°, 26%, 59%
XYZ	23.6144, 23.6923, 18.3674
YIQ	134.1130, 18.6150, -1.4570

# Conversions

## Conversions Part 2

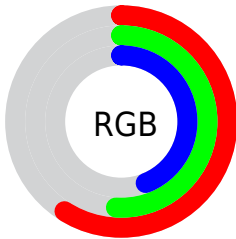
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 147, 111
Decimal	9929327
CIE <sub>Lab</sub>	55.78, 4.94, 13.25
CIE <sub>LCh</sub>	56, 14.139, 69.557
Yxy	23.6923, 0.3596, 0.3608
Android (android.graphics.Color)	4288119407 (0xFF97826F)
YUV	134.1130, -11.3947, 14.8099
Hunter-Lab	48.6747, 1.4180, 11.6992

# Details

The Hex color **97826F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **6F8497**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **CEB7A3**, and **63513F** is the 20% darker color. If you saturate the color by 10%, you get **977A60**, and if you desaturate by 10%, it is **978A7E**.

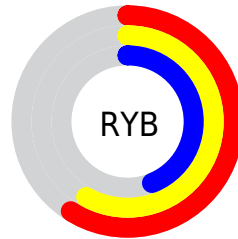
# Distribution



Red (59%)

Green (51%)

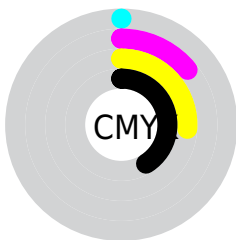
Blue (44%)



Red (59%)

Yellow (58%)

Blue (44%)

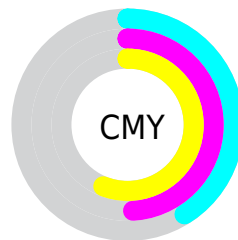


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (41%)



Cyan (41%)

Magenta (49%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97826F 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 97826F by changing the saturation by 10% instead.





97826F



97826F

FFFFFF



7D6957



CEB7A3



63513F



EAD2BE



4B3A29



FFEFDA



342415



FFFFFF6



1F0F00



000000



97826F



97826F



977A60



978A7E



977251



97928D

 976A42

 979A9C

 976233

 97A2AB

 975A23

 97AABB

 975214

 97B2CA

 974B05

 97B9D9

 974800

 97C1E8

 97C9F7

# Harmonies

## Analogous

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



9E7F77



97826F



8B866E

# Triad

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



97826F



678D89



8D8199

# Complementary

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



97826F



6F8497

# 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.



7D859E



97826F



668C95

# Square

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



97826F



708C7D



6E899C



997E8E

# Rectangle

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



97826F



828970



6E899C



88839B



# Sweetspot

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



97826F



C4BCB5



976F84



635E5A



E3E3E3



636363



# Same Dimension

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



97826F



C4A386



97966F



4D4845



8C4300



0D0600



# Inverse Universe

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



6F8497



86A7C4



6F7097



45494D



004A8C



00070D



# Previews

## White Background



This preview shows how the Hex color 97826F looks on a white background.

## Color Contrast Check

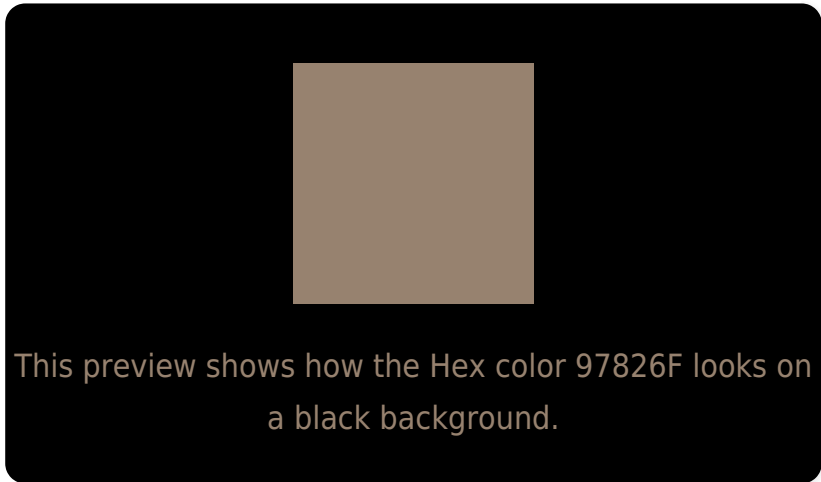
Large Text (above 18pt) WCAG AA ✓ Pass

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

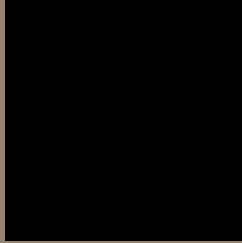
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 97826F Background



This preview shows how black text looks on a background with the Hex color 97826F.



This preview shows how white text looks on a background with the Hex color 97826F.

# 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**  
97826F

**Protanopia**  
8D8571

**Deuteranopia**  
9B816F



**Tritanopia**  
9A7E88

# Trichromacy



**Original Color**  
97826F

**Protanomaly**  
918470

**Deuteranomaly**  
9A816F

**Tritanomaly**  
997F7F

# Monochromacy



**Original Color**  
97826F

**Achromatopsia**  
868686

**Achromatomaly**  
8C857E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97826F 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 #97826F looks like.

```
.text, #text, p{  
    color:#97826F  
}
```

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 #97826F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97826F
}
```

## Border

The CSS property to change the border of an element to Hex 97826F is called "border". The border property can be set on classes, ids or directly on the HTML element.

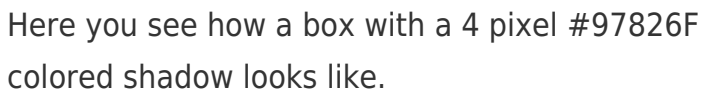
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97826F }
```

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

```
.border{ border-color:#97826F }
```

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



Here you see how a box with a 4 pixel #97826F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97826F; -webkit-box-shadow:4px 4px  
4px 4px #97826F; box-shadow:4px 4px 4px  
4px #97826F }
```

# Background

The CSS property to change the background color of an element to Hex 97826F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97826F }
```

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

```
.background{ background-color:#97826F }
```

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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