

# Converting Colors

Hex(90756F)

Have a look what the booklet for  
Hex(90756F) contains.

<b>Hex(90756F)</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(90756F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90756F
RGB	144, 117, 111
RGB Percent	56%, 46%, 44%
CMY	0.4353, 0.5412, 0.5647
CMYK	0.00, 0.19, 0.23, 0.44
HSL	11°, 13%, 50%
HSV	11°, 23%, 56%
XYZ	20.7321, 19.7996, 17.7679
YIQ	124.3890, 18.0180, 3.8580

# Conversions

## Conversions Part 2

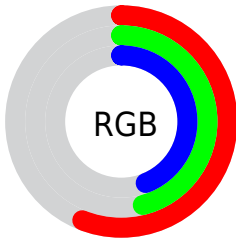
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 118, 111
Decimal	9467247
CIE Lab	51.61, 9.56, 7.28
CIE LCh	52, 12.013, 37.280
Yxy	19.7996, 0.3556, 0.3396
Android (android.graphics.Color)	4287657327 (0xFF90756F)
YUV	124.3890, -6.6008, 17.1988
Hunter-Lab	44.4967, 5.2984, 7.4727

# Details

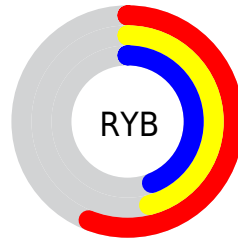
The Hex color **90756F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6F8A90**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C6A9A3**, and **5D453F** is the 20% darker color. If you saturate the color by 10%, you get **906961**, and if you desaturate by 10%, it is **90817D**.

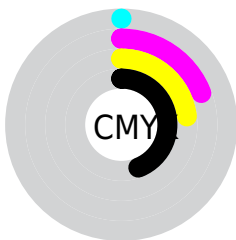
# Distribution



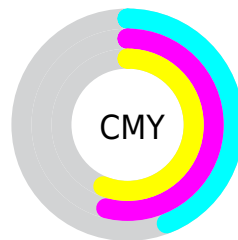
- Red (56%)
- Green (46%)
- Blue (44%)



- Red (56%)
- Yellow (46%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (54%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90756F 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 90756F by changing the saturation by 10% instead.



 90756F

 90756F

FFFFFF

 765C57

 C6A9A3

 5D453F

 E2C4BE

 452E29

 FFE0D9

 2E1915

 FFFDF6

 1A0000

 000000

 90756F

 90756F

 906961

 90817D

 905D52

 908D8C

■ 905244

■ 90989A

■ 904635

■ 90A4A9

■ 903A27

■ 90B0B7

■ 902E19

■ 90BCC5

■ 90230A

■ 90C7D4

■ 901A00

■ 90D3E2

■ 90DFF1

# Harmonies

## Analogous

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



907479



90756F



8A7868

# Triad

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



90756F



6A8073



737B8F

# Complementary

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



90756F



6F8A90

# 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.



677E8E



90756F



62817D

# Square

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



90756F



757E6B



618087



80788B

# Rectangle

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



90756F



847A67



618087



6F7C8F



# Sweetspot

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



90756F



BAAFAD



906F8B



5E5857



DEDEDE



5E5E5E



# Same Dimension

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



90756F



BA9086



90856F



474240



871900



080100



# Inverse Universe

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



6F8A90



86B1BA



6F7A90



404647



006F87



000608



# Previews

## White Background



This preview shows how the Hex color 90756F looks on a white background.

## Color Contrast Check

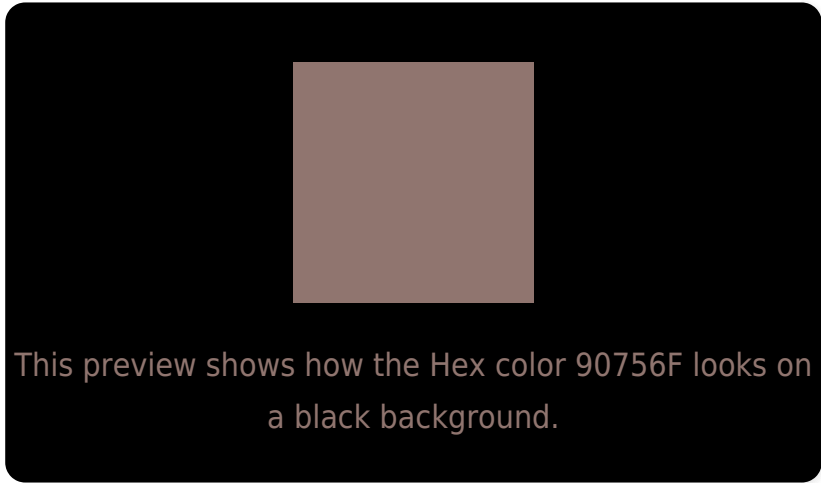
Large Text (above 18pt) WCAG AA ✓ Pass

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 90756F Background



This preview shows how black text looks on a background with the Hex color 90756F.



This preview shows how white text looks on a background with the Hex color 90756F.

# 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**  
90756F

**Protanopia**  
807B72

**Deuteranopia**  
8C776F



**Tritanopia**  
92737C

# Trichromacy



**Original Color**  
90756F

**Protanomaly**  
867971

**Deuteranomaly**  
8D766F

**Tritanomaly**  
917477

# Monochromacy



**Original Color**  
90756F

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
837977

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90756F 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 #90756F looks like.

```
.text, #text, p{  
    color:#90756F  
}
```

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 #90756F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90756F
}
```

## Border

The CSS property to change the border of an element to Hex 90756F is called "border". The border property can be set on classes, ids or directly on the HTML element.

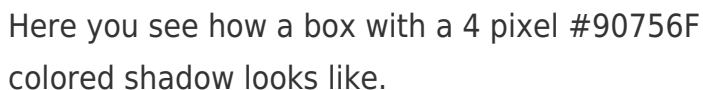
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90756F }
```

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

```
.border{ border-color:#90756F }
```

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



Here you see how a box with a 4 pixel #90756F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90756F; -webkit-box-shadow:4px 4px  
4px 4px #90756F; box-shadow:4px 4px 4px  
4px #90756F }
```

# Background

The CSS property to change the background color of an element to Hex 90756F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90756F }
```

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

```
.background{ background-color:#90756F }
```

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