

# Converting Colors

Hex(90776B)

Have a look what the booklet for  
Hex(90776B) contains.

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**Color**

**Hex(90776B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90776B
RGB	144, 119, 107
RGB Percent	56%, 47%, 42%
CMY	0.4353, 0.5333, 0.5804
CMYK	0.00, 0.17, 0.26, 0.44
HSL	19°, 15%, 49%
HSV	19°, 26%, 56%
XYZ	20.7523, 20.1845, 16.7121
YIQ	125.1070, 18.7520, 1.5680

# Conversions

## Conversions Part 2

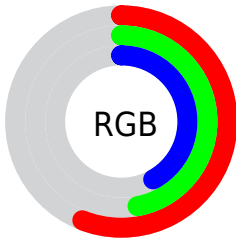
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 125, 107
Decimal	9467755
CIE <sub>Lab</sub>	52.05, 7.78, 10.24
CIE <sub>LCh</sub>	52, 12.857, 52.764
Yxy	20.1845, 0.3600, 0.3501
Android (android.graphics.Color)	4287657835 (0xFF90776B)
YUV	125.1070, -8.9268, 16.5692
Hunter-Lab	44.9271, 3.8283, 9.3941

# Details

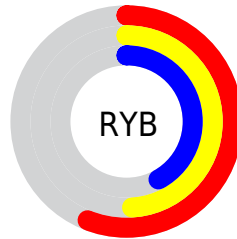
The Hex color **90776B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6B8490**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **C6AB9E**, and **5D473C** is the 20% darker color. If you saturate the color by 10%, you get **906D5D**, and if you desaturate by 10%, it is **908179**.

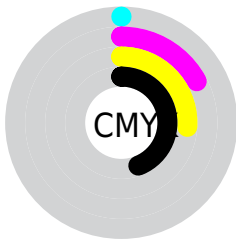
# Distribution



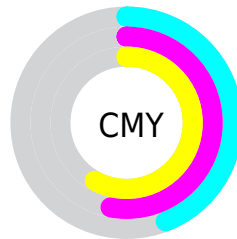
- Red (56%)
- Green (47%)
- Blue (42%)



- Red (56%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (44%)



- Cyan (44%)
- Magenta (53%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90776B 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 90776B by changing the saturation by 10% instead.



 90776B

 90776B

FFFFFF

 765E53

 C6AB9E

 5D473C

 E3C7B9

 453026

 FFE3D5

 2E1B11

 FFFFF1

 190100

 000000

 90776B

 90776B

 906D5D

 908179

 90644E

 908A88

905A40

909496

905031

909EA5

904623

90A8B3

903D15

90B1C1

903306

90BBD0

902F00

90C5DE

90CFED

# Harmonies

## Analogous

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



937574



90776B



877A66

# Triad

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



90776B



648279



7B7A90

# Complementary

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



90776B



6B8490

# 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.



6D7E92



90776B



5F8284

# Square

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



90776B



6F816F



62818D



88778A

# Rectangle

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



90776B



807D67



62818D



767B91



# Sweetspot

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



90776B



BAB0AB



906B84



5E5855



DEDEDE



5E5E5E



# Same Dimension

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



90776B



BA9380



90896B



474340



872C00



080200



# Inverse Universe

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



6B8490



80A7BA



6B7290



404547



005B87



000508



# Previews

## White Background



This preview shows how the Hex color 90776B looks on a white background.

## Color Contrast Check

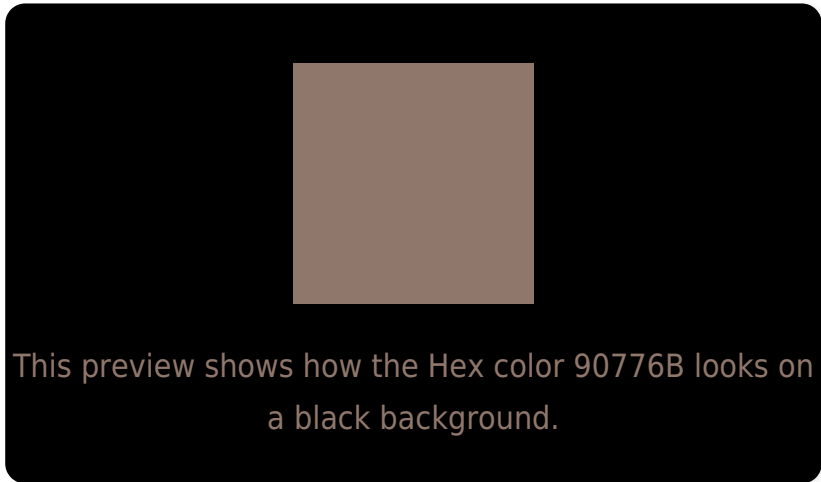
Large Text (above 18pt) WCAG AA ✓ Pass

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

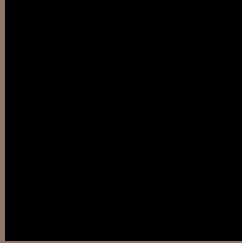
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 90776B Background



This preview shows how black text looks on a background with the Hex color 90776B.

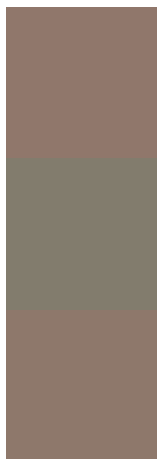


This preview shows how white text looks on a background with the Hex color 90776B.

# 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**  
90776B

**Protanopia**  
827C6D

**Deuteranopia**  
8E786B



**Tritanopia**  
92747D

# Trichromacy



**Original Color**  
90776B

**Protanomaly**  
877A6C

**Deuteranomaly**  
8F786B

**Tritanomaly**  
917576

# Monochromacy



**Original Color**  
90776B

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
847B76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90776B 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 #90776B looks like.

```
.text, #text, p{  
    color:#90776B  
}
```

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 #90776B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90776B
}
```

## Border

The CSS property to change the border of an element to Hex 90776B is called "border". The border property can be set on classes, ids or directly on the HTML element.

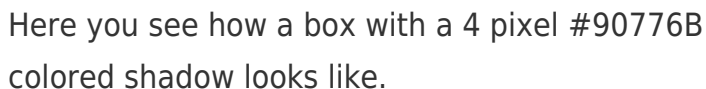
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90776B }
```

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

```
.border{ border-color:#90776B }
```

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



Here you see how a box with a 4 pixel #90776B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90776B; -webkit-box-shadow:4px 4px  
4px 4px #90776B; box-shadow:4px 4px 4px  
4px #90776B }
```

# Background

The CSS property to change the background color of an element to Hex 90776B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90776B }
```

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

```
.background{ background-color:#90776B }
```

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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