

# Converting Colors

Hex(91776E)

Have a look what the booklet for  
Hex(91776E) contains.

<b>Hex(91776E)</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(91776E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91776E
RGB	145, 119, 110
RGB Percent	57%, 47%, 43%
CMY	0.4314, 0.5333, 0.5686
CMYK	0.00, 0.18, 0.24, 0.43
HSL	15°, 14%, 50%
HSV	15°, 24%, 57%
XYZ	21.0884, 20.3392, 17.5662
YIQ	125.7480, 18.3850, 2.7130

# Conversions

## Conversions Part 2

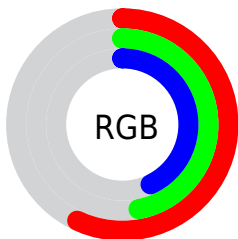
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 122, 110
Decimal	9533294
CIE Lab	52.22, 8.65, 8.74
CIE LCh	52, 12.297, 45.303
Yxy	20.3392, 0.3575, 0.3448
Android (android.graphics.Color)	4287723374 (0xFF91776E)
YUV	125.7480, -7.7638, 16.8840
Hunter-Lab	45.0990, 4.5436, 8.4756

# Details

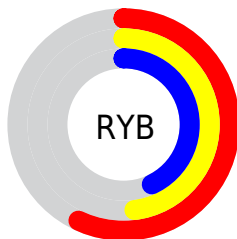
The Hex color **91776E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6E8891**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **C7ABA2**, and **5E473E** is the 20% darker color. If you saturate the color by 10%, you get **916C60**, and if you desaturate by 10%, it is **91827D**.

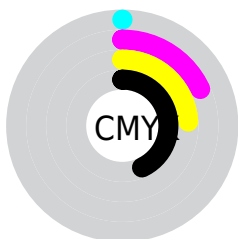
# Distribution



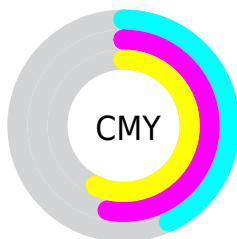
- Red (57%)
- Green (47%)
- Blue (43%)



- Red (57%)
- Yellow (48%)
- Blue (43%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (43%)



- Cyan (43%)
- Magenta (53%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91776E 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 91776E by changing the saturation by 10% instead.





91776E



91776E

FFFFFF



775E56



C7ABA2



5E473E



E4C7BD



463029



FFE3D8



2F1B14



FFFFF5



1A0100



000000



91776E



91776E



916C60



91827D



916151



918D8B

 915743


 91979A

 914C34

 91A2A8

 914126

 91ADB7


 913617

 91B8C5

 912C09

 91C2D4

 912500

 91CDE2

 91D8F1

# Harmonies

## Analogous

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



937577



91776E



8A7A68

# Triad

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



91776E



688277



787C91

# Complementary

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



91776E



6E8891

# 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.



6B7F91



91776E



628382

# Square

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



91776E



73816E



62828B



85788B

# Rectangle

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



91776E



837C68



62828B



737D91



# Sweetspot

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



91776E



BDB3AF



916E88



5E5957



DEDEDE



5E5E5E



# Same Dimension

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



91776E



BD9486



91886E



474240



872300



080200



# Inverse Universe

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



6E8891



86AFBD



6E7791



404647



006487



000608



# Previews

## White Background



This preview shows how the Hex color 91776E looks on a white background.

## Color Contrast Check

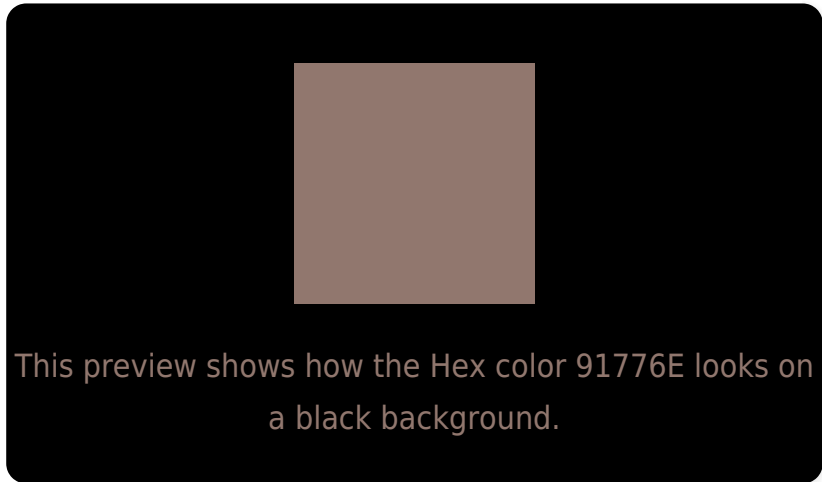
Large Text (above 18pt) WCAG AA ✓ Pass

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

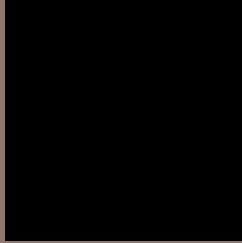
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 91776E Background



This preview shows how black text looks on a background with the Hex color 91776E.



This preview shows how white text looks on a background with the Hex color 91776E.

# 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**  
91776E

**Protanopia**  
827C71

**Deuteranopia**  
8E786E



**Tritanopia**  
93757E

# Trichromacy



**Original Color**  
91776E

**Protanomaly**  
877A70

**Deuteranomaly**  
8F786E

**Tritanomaly**  
927678

# Monochromacy



**Original Color**  
91776E

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
857B78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91776E 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 #91776E looks like.

```
.text, #text, p{  
    color:#91776E  
}
```

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 #91776E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91776E
}
```

## Border

The CSS property to change the border of an element to Hex 91776E is called "border". The border property can be set on classes, ids or directly on the HTML element.

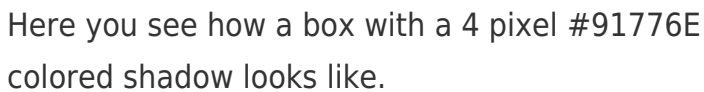
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91776E }
```

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

```
.border{ border-color:#91776E }
```

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



Here you see how a box with a 4 pixel #91776E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91776E; -webkit-box-shadow:4px 4px  
4px 4px #91776E; box-shadow:4px 4px 4px  
4px #91776E }
```

# Background

The CSS property to change the background color of an element to Hex 91776E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91776E }
```

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

```
.background{ background-color:#91776E }
```

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