

# Converting Colors

Hex(96776B)

Have a look what the booklet for  
Hex(96776B) contains.

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**Color**

**Hex(96776B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96776B
RGB	150, 119, 107
RGB Percent	59%, 47%, 42%
CMY	0.4118, 0.5333, 0.5804
CMYK	0.00, 0.21, 0.29, 0.41
HSL	17°, 17%, 50%
HSV	17°, 29%, 59%
XYZ	21.8283, 20.7392, 16.7625
YIQ	126.9010, 22.3280, 2.8400

# Conversions

## Conversions Part 2

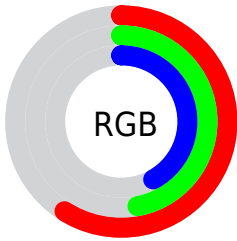
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 124, 107
Decimal	9860971
CIE <sub>Lab</sub>	52.66, 10.23, 11.19
CIE <sub>LCh</sub>	53, 15.167, 47.565
Yxy	20.7392, 0.3679, 0.3496
Android (android.graphics.Color)	4288051051 (0xFF96776B)
YUV	126.9010, -9.8112, 20.2578
Hunter-Lab	45.5403, 5.8629, 10.0547

# Details

The Hex color **96776B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6B8A96**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CDAB9E**, and **62473C** is the 20% darker color. If you saturate the color by 10%, you get **966C5C**, and if you desaturate by 10%, it is **96827A**.

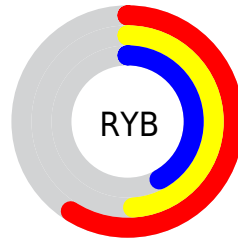
# Distribution



Red (59%)

Green (47%)

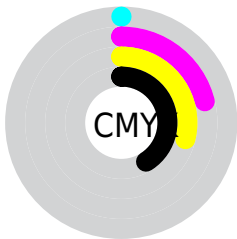
Blue (42%)



Red (59%)

Yellow (49%)

Blue (42%)

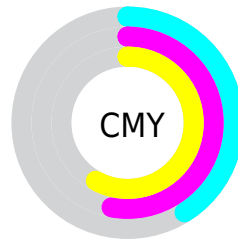


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96776B 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 96776B by changing the saturation by 10% instead.





96776B



96776B

FFFFFF



7C5E53



CDAB9E



62473C



E9C7B9



4A3026



FFE3D5



321B11



FFFFF1



1E0100



000000



96776B



96776B



966C5C



96827A



96614D



968D89

 96573E

 969798

 964C2F

 96A2A7

 964120

 96ADB6

 963611

 96B8C5

 962B02

 96C3D4

 962A00

 96CEE3

 96D8F2

# Harmonies

## Analogous

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



997576



96776B



8D7B65

# Triad

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



96776B



638578



797C96

# Complementary

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



96776B



6B8A96

# 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.



688097



96776B



5B8585

# Square

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



96776B



71836C



5D8490



89788F

# Rectangle

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



96776B



847E64



5D8490



737E97



# Sweetspot

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



96776B



C2B5B0



966B8B



615956



E0E0E0



616161



# Same Dimension

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



96776B



C29280



968C6B



4A4543



8A2600



0A0300



# Inverse Universe

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



6B8A96



80AFC2



6B7596



43484A



00638A



00070A



# Previews

## White Background



This preview shows how the Hex color 96776B looks on a white background.

## Color Contrast Check

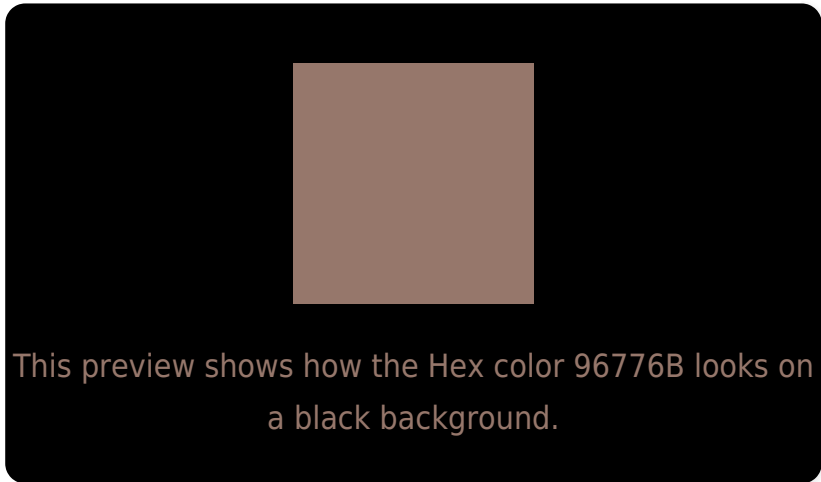
Large Text (above 18pt) WCAG AA ✓ Pass

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

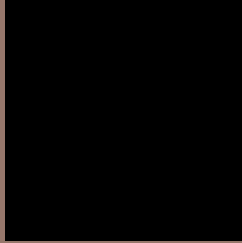
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 96776B Background



This preview shows how black text looks on a background with the Hex color 96776B.



This preview shows how white text looks on a background with the Hex color 96776B.

# 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**  
96776B

**Protanopia**  
847E6E

**Deuteranopia**  
91796B



**Tritanopia**  
98747D

# Trichromacy



**Original Color**

96776B

**Protanomaly**

8B7B6D

**Deuteranomaly**

93786B

**Tritanomaly**

977576

# Monochromacy



**Original Color**

96776B

**Achromatopsia**

7F7F7F

**Achromatomaly**

877C78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96776B 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 #96776B looks like.

```
.text, #text, p{  
    color:#96776B  
}
```

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 #96776B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96776B
}
```

## Border

The CSS property to change the border of an element to Hex 96776B is called "border". The border property can be set on classes, ids or directly on the HTML element.

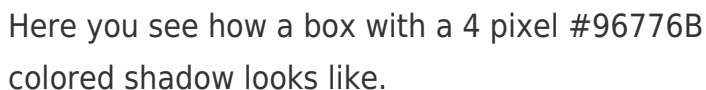
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96776B }
```

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

```
.border{ border-color:#96776B }
```

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



Here you see how a box with a 4 pixel #96776B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96776B; -webkit-box-shadow:4px 4px  
4px 4px #96776B; box-shadow:4px 4px 4px  
4px #96776B }
```

# Background

The CSS property to change the background color of an element to Hex 96776B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96776B }
```

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

```
.background{ background-color:#96776B }
```

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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