

# Converting Colors

Hex(97777B)

Have a look what the booklet for  
Hex(97777B) contains.

<b>Hex(97777B)</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(97777B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97777B
RGB	151, 119, 123
RGB Percent	59%, 47%, 48%
CMY	0.4078, 0.5333, 0.5176
CMYK	0.00, 0.21, 0.19, 0.41
HSL	352°, 13%, 53%
HSV	352°, 21%, 59%
XYZ	22.9345, 21.2030, 21.6227
YIQ	129.0240, 17.7880, 8.0280

# Conversions

## Conversions Part 2

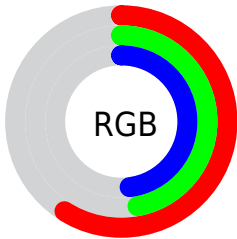
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 119, 123
Decimal	9926523
CIE <sub>Lab</sub>	53.17, 13.13, 2.58
CIE <sub>LCh</sub>	53, 13.381, 11.098
Yxy	21.2030, 0.3488, 0.3224
Android (android.graphics.Color)	4288116603 (0xFF97777B)
YUV	129.0240, -2.9698, 19.2730
Hunter-Lab	46.0467, 8.3236, 4.3912

# Details

The Hex color **97777B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **779793**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **CEABAF**, and **64464A** is the 20% darker color. If you saturate the color by 10%, you get **97686E**, and if you desaturate by 10%, it is **978688**.

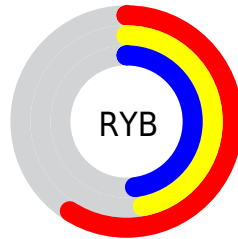
# Distribution



Red (59%)

Green (47%)

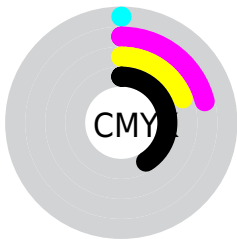
Blue (48%)



Red (59%)

Yellow (47%)

Blue (48%)

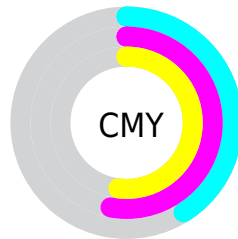


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97777B 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 97777B by changing the saturation by 10% instead.



 97777B

 97777B

FFFFFF

 7D5E62

 CEABAF

 64464A

 EAC7CB

 4B3034

 FFE3E7

 341B1F

 200106

 000000

 97777B

 97777B

 97686E

 978688

 975961

 979595

 974A53

 97A4A3

 973B46

 97B3B0

 972C39

 97C3BD

 971C2C

 97D2CA

 970D1F

 97E1D7

 970013

 97F0E5

 97FFF2

# Harmonies

## Analogous

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



927887



97777B



967970

# Triad

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



97777B



76836D



6A8294

# Complementary

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



97777B



779793

# 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.



61858E



97777B



6A8577

# Square

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



97777B



848068



628683



787F95

# Rectangle

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



97777B



927B6B



628683



668393



# Sweetspot

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



97777B



C4B9BA



937797



635C5D



E3E3E3



636363



# Same Dimension

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



97777B



C49399



978377



4D4546



8C0012



0D0002



# Inverse Universe

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



97777B



C49399



778B97



4D4546



8C0012

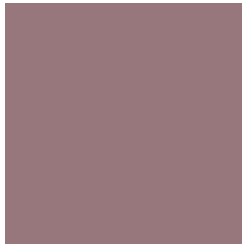


0D0002



# Previews

## White Background



This preview shows how the Hex color 97777B looks on a white background.

## Color Contrast Check

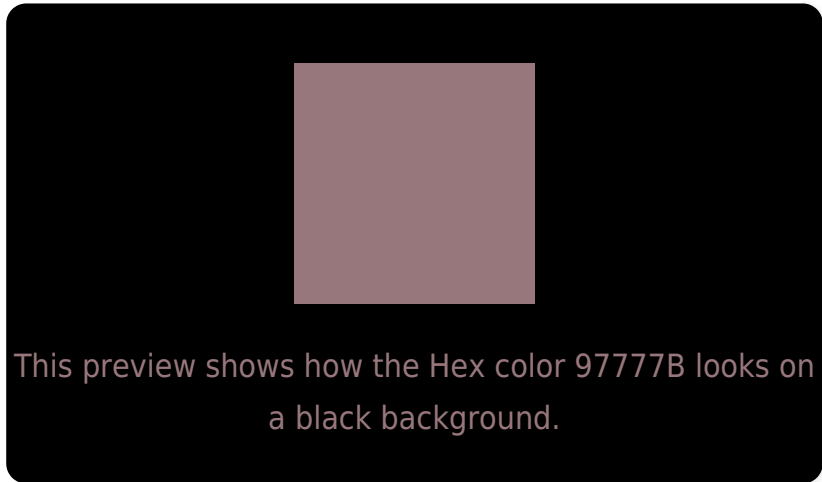
Large Text (above 18pt) WCAG AA ✓ Pass

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 97777B Background



This preview shows how black text looks on a background with the Hex color 97777B.



This preview shows how white text looks on a background with the Hex color 97777B.

# 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**  
97777B

**Protanopia**  
81F7F

**Deuteranopia**  
8D7B7A



**Tritanopia**  
98767F

# Trichromacy



**Original Color**  
97777B

**Protanomaly**  
897C7E

**Deuteranomaly**  
917A7A

**Tritanomaly**  
98767E

# Monochromacy



**Original Color**  
97777B

**Achromatopsia**  
818181

**Achromatomaly**  
897D7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97777B 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 #97777B looks like.

```
.text, #text, p{  
    color:#97777B  
}
```

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 #97777B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97777B
}
```

## Border

The CSS property to change the border of an element to Hex 97777B is called "border". The border property can be set on classes, ids or directly on the HTML element.

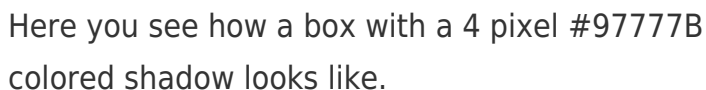
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97777B }
```

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

```
.border{ border-color:#97777B }
```

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



Here you see how a box with a 4 pixel #97777B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97777B; -webkit-box-shadow:4px 4px  
4px 4px #97777B; box-shadow:4px 4px 4px  
4px #97777B }
```

# Background

The CSS property to change the background color of an element to Hex 97777B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97777B }
```

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

```
.background{ background-color:#97777B }
```

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