

# Converting Colors

Hex(97808C)

Have a look what the booklet for  
Hex(97808C) contains.

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**Color**

**Hex(97808C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97808C
RGB	151, 128, 140
RGB Percent	59%, 50%, 55%
CMY	0.4078, 0.4980, 0.4510
CMYK	0.00, 0.15, 0.07, 0.41
HSL	329°, 10%, 55%
HSV	329°, 15%, 59%
XYZ	25.2153, 23.9111, 28.0973
YIQ	136.2450, 9.8560, 8.6080

# Conversions

## Conversions Part 2

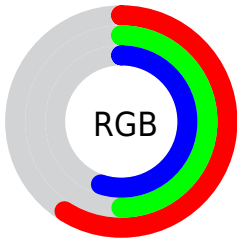
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 128, 140
Decimal	9928844
CIE <sub>Lab</sub>	56.00, 10.94, -3.19
CIE <sub>LCh</sub>	56, 11.394, 343.718
Yxy	23.9111, 0.3265, 0.3096
Android (android.graphics.Color)	4288118924 (0xFF97808C)
YUV	136.2450, 1.8512, 12.9401
Hunter-Lab	48.8990, 6.4723, 0.1614

# Details

The Hex color **97808C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **80978B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **CDB5C2**, and **644F5A** is the 20% darker color. If you saturate the color by 10%, you get **977185**, and if you desaturate by 10%, it is **978F93**.

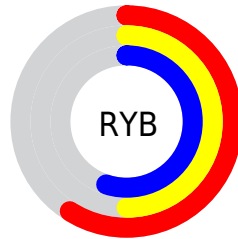
# Distribution



Red (59%)

Green (50%)

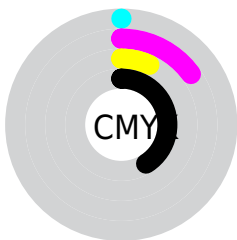
Blue (55%)



Red (59%)

Yellow (50%)

Blue (55%)

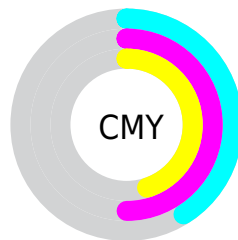


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (41%)



Cyan (41%)

Magenta (50%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97808C 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 97808C by changing the saturation by 10% instead.





97808C



97808C

FFFFFF



7D6773



CDB5C2



644F5A



EAD0DD



4C3843



FFEDFA



35222D



200D18



000000



97808C



97808C



977185



978F93



97627E



979E9A

975376

97ADA2

97446F

97BCA9

973468

97CBB0

972561

97DBB7

971659

97EABF

970752

97F9C6

97004F

97FFCD

# Harmonies

## Analogous

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



8E8295



97808C



9B7F82

# Triad

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



97808C



898773



6E8B93

# Complementary

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



97808C



80978B

# 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.



6D8C8A



97808C



7E8A78

# Square

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



97808C



938473



748C80



758999

# Rectangle

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



97808C



9B807C



748C80



6D8C91



# Sweetspot

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



97808C



C4BBC0



8B8097



635D61



E3E3E3



636363



# Same Dimension

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



97808C



C4A1B3



978081



4D4549



8C0049



0D0007



# Inverse Universe

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



97808C



C4A1B3



809796



4D4549



8C0049

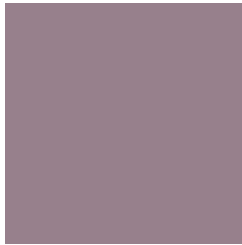


0D0007



# Previews

## White Background



This preview shows how the Hex color 97808C looks on a white background.

## Color Contrast Check

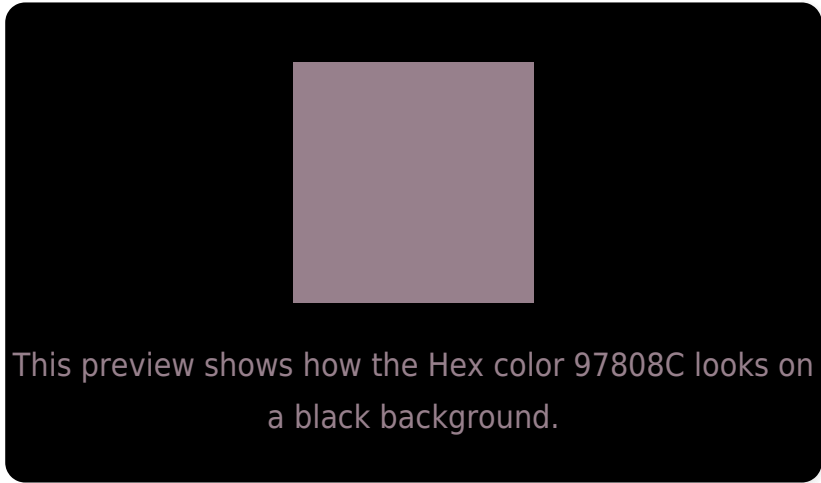
Large Text (above 18pt) WCAG AA ✓ Pass

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

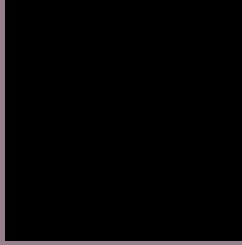
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 97808C Background



This preview shows how black text looks on a background with the Hex color 97808C.



This preview shows how white text looks on a background with the Hex color 97808C.

# 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**  
97808C

**Protanopia**  
86868F

**Deuteranopia**  
91828C



**Tritanopia**  
97808A

# Trichromacy



**Original Color**  
97808C

**Protanomaly**  
8C848E

**Deuteranomaly**  
93818C

**Tritanomaly**  
97808B

# Monochromacy



**Original Color**  
97808C

**Achromatopsia**  
888888

**Achromatomaly**  
8D8589

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97808C 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 #97808C looks like.

```
.text, #text, p{  
    color:#97808C  
}
```

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 #97808C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97808C
}
```

## Border

The CSS property to change the border of an element to Hex 97808C is called "border". The border property can be set on classes, ids or directly on the HTML element.

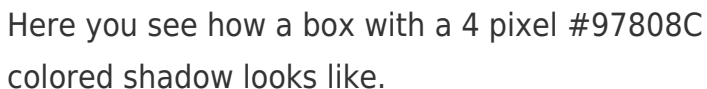
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97808C }
```

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

```
.border{ border-color:#97808C }
```

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



Here you see how a box with a 4 pixel #97808C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97808C; -webkit-box-shadow:4px 4px  
4px 4px #97808C; box-shadow:4px 4px 4px  
4px #97808C }
```

# Background

The CSS property to change the background color of an element to Hex 97808C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97808C }
```

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

```
.background{ background-color:#97808C }
```

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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