

# Converting Colors

Hex(97887A)

Have a look what the booklet for  
Hex(97887A) contains.

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**Color**

**Hex(97887A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97887A
RGB	151, 136, 122
RGB Percent	59%, 53%, 48%
CMY	0.4078, 0.4667, 0.5216
CMYK	0.00, 0.10, 0.19, 0.41
HSL	29°, 12%, 54%
HSV	29°, 19%, 59%
XYZ	25.0795, 25.5928, 22.0304
YIQ	138.8890, 13.4340, -1.1740

# Conversions

## Conversions Part 2

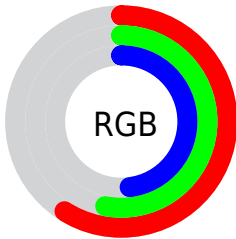
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 149, 122
Decimal	9930874
CIE <sub>Lab</sub>	57.65, 3.25, 9.57
CIE <sub>LCh</sub>	58, 10.103, 71.246
Yxy	25.5928, 0.3450, 0.3520
Android (android.graphics.Color)	4288120954 (0xFF97887A)
<b>YUV</b>	138.8890, -8.3263, 10.6213
Hunter-Lab	50.5893, -0.0404, 9.5931

# Details

The Hex color **97887A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A8997**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CDBDAE**, and **645649** is the 20% darker color. If you saturate the color by 10%, you get **97806B**, and if you desaturate by 10%, it is **979089**.

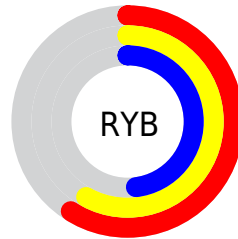
# Distribution



Red (59%)

Green (53%)

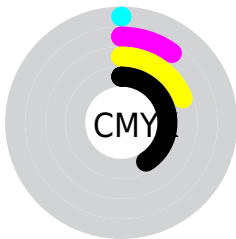
Blue (48%)



Red (59%)

Yellow (58%)

Blue (48%)

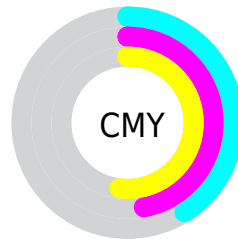


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (41%)



Cyan (41%)

Magenta (47%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97887A 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 97887A by changing the saturation by 10% instead.





97887A



97887A

FFFFFF



7D6F61



CDBDAE



645649



EAD9CA



4C3F33



FFF5E6



35291E



201505



000000



97887A



97887A



97806B



979089



97785C



979898

■ 97714D

■ 979FA7

■ 97693E

■ 97A7B6

■ 97612F

■ 97AFC6

■ 97591F

■ 97B7D5

■ 975110

■ 97BFE4

■ 974A01

■ 97C6F3

■ 974900

■ 97CEFF

# Harmonies

## Analogous

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



9C867F



97887A



8E8B79

# Triad

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



97887A



75908E



908798

# Complementary

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



97887A



7A8997

# 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.



858A9C



97887A



758F96

# Square

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



97887A



7B8F85



7B8D9B



998590

# Rectangle

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



97887A



878D7B



7B8D9B



8D889A



# Sweetspot

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



97887A



C4BEB9



977A89



63605C



E3E3E3



636363



# Same Dimension

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



97887A



C4AD97



97967A



4D4945



8C4400



0D0600



# Inverse Universe

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



7A8997



97AFC4



7A7B97



45494D



00498C



00070D



# Previews

## White Background



This preview shows how the Hex color 97887A looks on a white background.

## Color Contrast Check

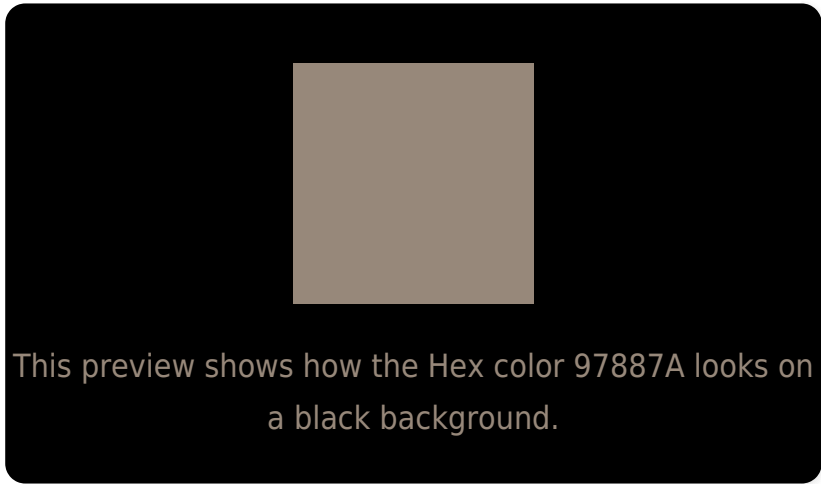
Large Text (above 18pt) WCAG AA ✓ Pass

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

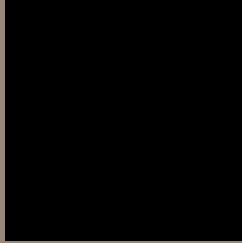
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 97887A Background



This preview shows how black text looks on a background with the Hex color 97887A.



This preview shows how white text looks on a background with the Hex color 97887A.

# 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**  
97887A

**Protanopia**  
918A7B

**Deuteranopia**  
9E857A



**Tritanopia**  
9A858F

# Trichromacy



**Original Color**  
97887A

**Protanomaly**  
93897B

**Deuteranomaly**  
9B867A

**Tritanomaly**  
998687

# Monochromacy



**Original Color**  
97887A

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
8F8A85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97887A 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 #97887A looks like.

```
.text, #text, p{  
    color:#97887A  
}
```

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 #97887A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97887A
}
```

## Border

The CSS property to change the border of an element to Hex 97887A 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
#97887A }
```

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

```
.border{ border-color:#97887A }
```

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

Here you see how a box with a 4 pixel #97887A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97887A; -webkit-box-shadow:4px 4px  
4px 4px #97887A; box-shadow:4px 4px 4px  
4px #97887A }
```

# Background

The CSS property to change the background color of an element to Hex 97887A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97887A }
```

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

```
.background{ background-color:#97887A }
```

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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