

# Converting Colors

Hex(99807B)

Have a look what the booklet for  
Hex(99807B) contains.

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**Color**

**Hex(99807B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99807B
RGB	153, 128, 123
RGB Percent	60%, 50%, 48%
CMY	0.4000, 0.4980, 0.5176
CMYK	0.00, 0.16, 0.20, 0.40
HSL	10°, 13%, 54%
HSV	10°, 20%, 60%
XYZ	24.4312, 23.6407, 22.0143
YIQ	134.9050, 16.5050, 3.7450

# Conversions

## Conversions Part 2

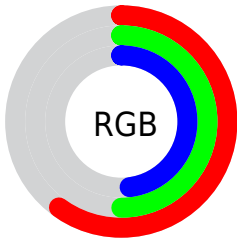
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 129, 123
Decimal	10059899
CIE <sub>Lab</sub>	55.73, 8.75, 6.28
CIE <sub>LCh</sub>	56, 10.768, 35.685
Yxy	23.6407, 0.3486, 0.3373
Android (android.graphics.Color)	4288249979 (0xFF99807B)
YUV	134.9050, -5.8692, 15.8693
Hunter-Lab	48.6217, 4.6038, 7.1906

# Details

The Hex color **99807B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7B9499**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D0B5AF**, and **664F4A** is the 20% darker color. If you saturate the color by 10%, you get **99736C**, and if you desaturate by 10%, it is **998D8A**.

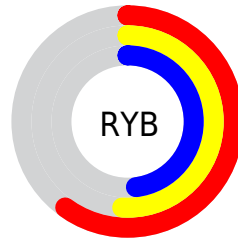
# Distribution



Red (60%)

Green (50%)

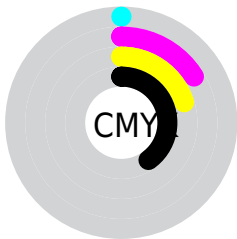
Blue (48%)



Red (60%)

Yellow (51%)

Blue (48%)

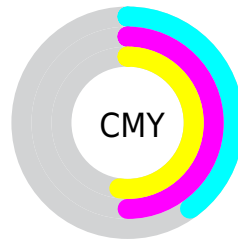


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (40%)



Cyan (40%)

Magenta (50%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99807B 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 99807B by changing the saturation by 10% instead.





99807B



99807B

FFFFFF



7F6762



D0B5AF



664F4A



ECD0CB



4D3834



FFEDE7



36221F



210D06



000000



99807B



99807B



99736C



998D8A



99665C



999A9A

 995A4D

 99A6A9

 994D3E

 99B3B8

 99402F

 99C0C8

 99331F

 99CDD7

 992710

 99D9E6

 991A01

 99E6F5

 991900

 99F3FF

# Harmonies

## Analogous

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



997F84



99807B



948275

# Triad

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



99807B



768A7E



7E8698

# Complementary

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



99807B



7B9499

# 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.



738996



99807B



6F8B87

# Square

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



99807B



818876



6E8A90



8A8395

# Rectangle

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



99807B



8F8473



6E8A90



7A8798



# Sweetspot

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



99807B



C7BDBB



997B94



635E5C



E3E3E3



636363



# Same Dimension

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



99807B



C79F97



998F7B



4D4645



8C1700



0D0200



# Inverse Universe

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



7B9499



97BFC7



7B8599



454B4D



00758C



000B0D



# Previews

## White Background



This preview shows how the Hex color 99807B looks on a white background.

## Color Contrast Check

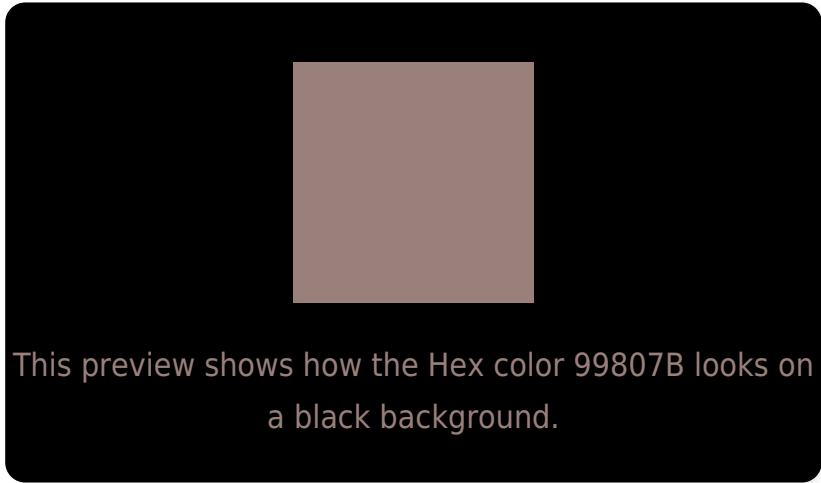
Large Text (above 18pt) WCAG AA ✓ Pass

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

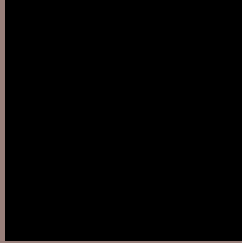
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 99807B Background



This preview shows how black text looks on a background with the Hex color 99807B.



This preview shows how white text looks on a background with the Hex color 99807B.

# 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**  
99807B

**Protanopia**  
8A857E

**Deuteranopia**  
97817B



**Tritanopia**  
9B7E88

# Trichromacy



**Original Color**  
99807B

**Protanomaly**  
8F837D

**Deuteranomaly**  
98817B

**Tritanomaly**  
9A7F83

# Monochromacy



**Original Color**  
99807B

**Achromatopsia**  
878787

**Achromatomaly**  
8E8483

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99807B 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 #99807B looks like.

```
.text, #text, p{  
    color:#99807B  
}
```

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 #99807B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99807B
}
```

## Border

The CSS property to change the border of an element to Hex 99807B 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
#99807B }
```

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

```
.border{ border-color:#99807B }
```

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

Here you see how a box with a 4 pixel #99807B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99807B; -webkit-box-shadow:4px 4px  
4px 4px #99807B; box-shadow:4px 4px 4px  
4px #99807B }
```

# Background

The CSS property to change the background color of an element to Hex 99807B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99807B }
```

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

```
.background{ background-color:#99807B }
```

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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