

# Converting Colors

Hex(9887AE)

Have a look what the booklet for  
Hex(9887AE) contains.

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# Color

**Hex(9887AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9887AE
RGB	152, 135, 174
RGB Percent	60%, 53%, 68%
CMY	0.4039, 0.4706, 0.3176
CMYK	0.13, 0.22, 0.00, 0.32
HSL	266°, 19%, 61%
HSV	266°, 22%, 68%
XYZ	29.2528, 27.0593, 43.7256
YIQ	144.5290, -2.3870, 15.7330

# Conversions

## Conversions Part 2

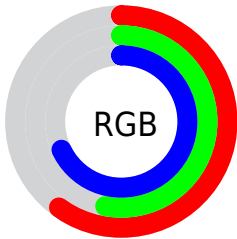
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 135, 174
Decimal	9996206
CIELab	59.03, 14.18, -18.19
CIElCh	59, 23.068, 307.932
Yxy	27.0593, 0.2924, 0.2705
Android (android.graphics.Color)	4288186286 (0xFF9887AE)
YUV	144.5290, 14.5292, 6.5521
Hunter-Lab	52.0186, 9.3476, -13.4247

# Details

The Hex color **9887AE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9DAE87**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **CFBCE6**, and **65557A** is the 20% darker color. If you saturate the color by 10%, you get **8E76AE**, and if you desaturate by 10%, it is **A298AE**.

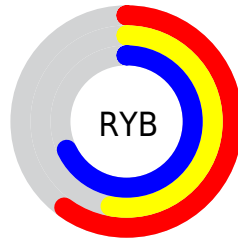
# Distribution



Red (60%)

Green (53%)

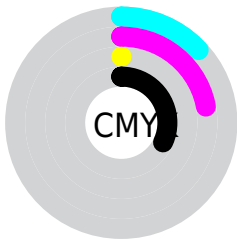
Blue (68%)



Red (60%)

Yellow (53%)

Blue (68%)

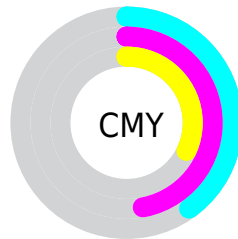


Cyan (13%)

Magenta (22%)

Yellow (0%)

Black (32%)



Cyan (40%)

Magenta (47%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9887AE 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 9887AE by changing the saturation by 10% instead.



9887AE

9887AE

FFFFFF

7E6E93

CFBCE6

65557A

EBD8FF

4C3E61

FFF5FF

352849

1F1332

07001D

000000

9887AE

9887AE

8E76AE

A298AE

8464AE

ACAAAE

7B53AE

B5BBAE

7141AE

BFCDAE

6730AE

C9DEAE

5D1FAE

D3EFAE

530DAE

DDFFAE

4C00AE

E7FFAE

F0FFAE

# Harmonies

## Analogous

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



7C8EB6



9887AE



AD819E

# Triad

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



9887AE



AA8869



579993

# Complementary

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



9887AE



9DAE87

# 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.



6A987E



9887AE



978E66

# Square

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



9887AE



B58276



81946E



5298A6

# Rectangle

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



9887AE



B47F90



81946E



5C998C



# Sweetspot

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



9887AE



DAD3E3



879DAE



6E6A73



F2F2F2



737373



# Same Dimension

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



9887AE



C0A6E3



AB87AE



524E57



420096



0A0017



# Inverse Universe

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



AE879D



E3A6C8



8AAE87



574E53



960055

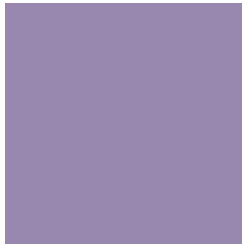


17000D



# Previews

## White Background



This preview shows how the Hex color 9887AE looks on a white background.

## Color Contrast Check

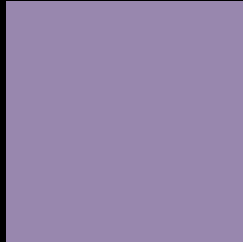
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9887AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

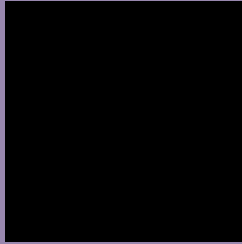
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9887AE Background



This preview shows how black text looks on a background with the Hex color 9887AE.



This preview shows how white text looks on a background with the Hex color 9887AE.

# 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





**Tritanopia**  
948B96

# Trichromacy



**Original Color**  
9887AE

**Protanomaly**  
8C8BB1

**Deuteranomaly**  
908AAD

**Tritanomaly**  
958A9F

# Monochromacy



**Original Color**  
9887AE

**Achromatopsia**  
919191

**Achromatomaly**  
948D9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9887AE 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 #9887AE looks like.

```
.text, #text, p{  
    color:#9887AE  
}
```

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 #9887AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9887AE
}
```

## Border

The CSS property to change the border of an element to Hex 9887AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

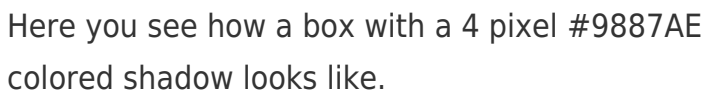
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9887AE }
```

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

```
.border{ border-color:#9887AE }
```

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



Here you see how a box with a 4 pixel #9887AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9887AE; -webkit-box-shadow:4px 4px  
4px 4px #9887AE; box-shadow:4px 4px 4px  
4px #9887AE }
```

# Background

The CSS property to change the background color of an element to Hex 9887AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9887AE }
```

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

```
.background{ background-color:#9887AE }
```

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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