

# Converting Colors

Hex(9886A8)

Have a look what the booklet for  
Hex(9886A8) contains.

<b>Hex(9886A8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9886A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9886A8
RGB	152, 134, 168
RGB Percent	60%, 53%, 66%
CMY	0.4039, 0.4745, 0.3412
CMYK	0.10, 0.20, 0.00, 0.34
HSL	272°, 16%, 59%
HSV	272°, 20%, 66%
XYZ	28.5419, 26.5527, 40.6667
YIQ	143.2580, -0.1860, 14.3900

# Conversions

## Conversions Part 2

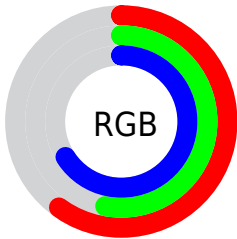
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 134, 168
Decimal	9995944
CIE <sub>Lab</sub>	58.56, 13.45, -15.48
CIE <sub>LCh</sub>	59, 20.512, 310.990
Yxy	26.5527, 0.2981, 0.2773
Android (android.graphics.Color)	4288186024 (0xFF9886A8)
YUV	143.2580, 12.1978, 7.6667
Hunter-Lab	51.5294, 8.6940, -10.7208

# Details

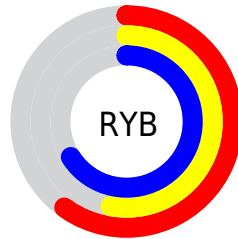
The Hex color **9886A8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **96A886**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CEBBDF**, and **655474** is the 20% darker color. If you saturate the color by 10%, you get **9075A8**, and if you desaturate by 10%, it is **A097A8**.

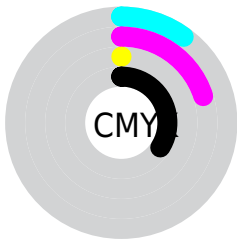
# Distribution



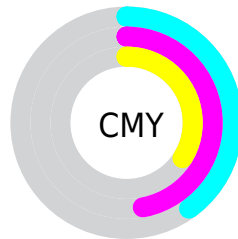
- Red (60%)
- Green (53%)
- Blue (66%)



- Red (60%)
- Yellow (53%)
- Blue (66%)



- Cyan (10%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)



- Cyan (40%)
- Magenta (47%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9886A8 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 9886A8 by changing the saturation by 10% instead.



■ 9886A8

■ 9886A8

FFFFFF

■ 7E6D8E

■ CEBBDF

■ 655474

■ EBD7FC

■ 4D3D5B

■ FFF3FF

■ 352744

■ 20132D

■ 040019

■ 000000

■ 9886A8

■ 9886A8

■ 9075A8

■ A097A8

 8864A8

 A8A8A8

 8054A8

 B0B8A8

 7843A8


 B8C9A8

 7032A8

 C0DAA8

 6921A8

 C7EBA8

 6110A8

 CFFCA8

 5900A8

 D7FFA8

 DFFFA8

# Harmonies

## Analogous

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



808CB0



9886A8



A98199

# Triad

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



9886A8



A4886B



5C9793

# Complementary

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



9886A8



96A886

# 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.



6B9681



9886A8



938E6A

# Square

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



9886A8



AF8276



7F9371



5A96A4

# Rectangle

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



9886A8



B0808D



7F9371



60978D



# Sweetspot

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



9886A8



D5CEDB



8696A8



6A666E



EDEDED



6E6E6E



# Same Dimension

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



9886A8



C3A7DB



A886A7



504C54



4E0094



0B0014



# Inverse Universe

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



A88696



DBA7BF



86A887



544C50



940046

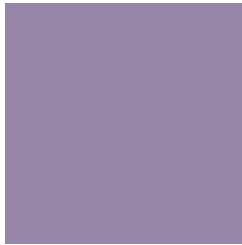


14000A



# Previews

## White Background



This preview shows how the Hex color 9886A8 looks on a white background.

## Color Contrast Check

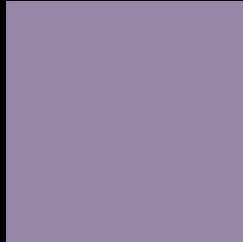
Large Text (above 18pt) WCAG AA ✓ Pass

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 9886A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

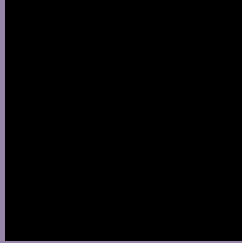
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9886A8 Background



This preview shows how black text looks on a background with the Hex color 9886A8.

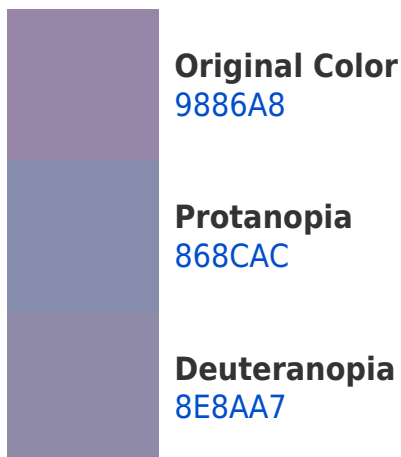


This preview shows how white text looks on a background with the Hex color 9886A8.

# 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**  
958994

# Trichromacy



**Original Color**  
9886A8

**Protanomaly**  
8D8AAB

**Deuteranomaly**  
9289A7

**Tritanomaly**  
96889B

# Monochromacy



**Original Color**  
9886A8

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
928C98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9886A8 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 #9886A8 looks like.

```
.text, #text, p{  
    color:#9886A8  
}
```

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 #9886A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9886A8  
}
```

## Border

The CSS property to change the border of an element to Hex 9886A8 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  
#9886A8 }
```

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

```
.border{ border-color:#9886A8 }
```

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

Here you see how a box with a 4 pixel #9886A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9886A8; -webkit-box-shadow:4px 4px  
4px 4px #9886A8; box-shadow:4px 4px 4px  
4px #9886A8 }
```

# Background

The CSS property to change the background color of an element to Hex 9886A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9886A8 }
```

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

```
.background{ background-color:#9886A8 }
```

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