

# Converting Colors

Hex(9A8885)

Have a look what the booklet for  
Hex(9A8885) contains.

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# Color

Hex(9A8885)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A8885
RGB	154, 136, 133
RGB Percent	60%, 53%, 52%
CMY	0.3961, 0.4667, 0.4784
CMYK	0.00, 0.12, 0.14, 0.40
HSL	9°, 9%, 56%
HSV	9°, 14%, 60%
XYZ	26.3642, 26.1718, 25.8524
YIQ	141.0400, 11.6910, 2.8830

# Conversions

## Conversions Part 2

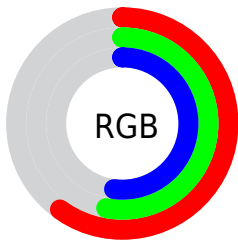
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 137, 133
Decimal	10127493
CIE Lab	58.20, 6.26, 4.09
CIE LCh	58, 7.473, 33.146
Yxy	26.1718, 0.3363, 0.3339
Android (android.graphics.Color)	4288317573 (0xFF9A8885)
YUV	141.0400, -3.9637, 11.3659
Hunter-Lab	51.1584, 2.4619, 5.8492

# Details

The Hex color **9A8885** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **85979A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D1BDBA**, and **675654** is the 20% darker color. If you saturate the color by 10%, you get **9A7B76**, and if you desaturate by 10%, it is **9A9594**.

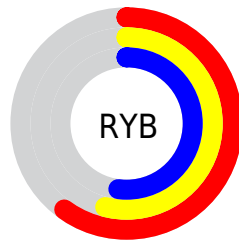
# Distribution



Red (60%)

Green (53%)

Blue (52%)



Red (60%)

Yellow (54%)

Blue (52%)

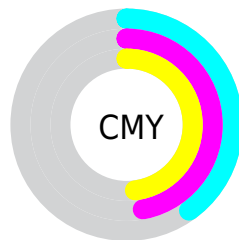


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A8885 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 9A8885 by changing the saturation by 10% instead.





9A8885



9A8885

FFFFFF



806F6C



D1BDBA



675654



EDD9D6



4F3F3C



FFF6F2



372927



221512



000000



9A8885



9A8885



9A7B76



9A9594



9A6E66



9AA2A4

 9A6057

 9AB0B3

 9A5347

 9ABDC3

 9A4638

 9ACAD2

 9A3929

 9AD7E1

 9A2C19

 9AE4F1

 9A1E0A

 9AF2FF

 9A1600

 9AFFFF

# Harmonies

## Analogous

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



99888B



9A8885



978A80

# Triad

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



9A8885



828F86



868C99

# Complementary

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



9A8885



85979A

# 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.



7F8E97



9A8885



7D908C

# Square

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



9A8885



898E81



7C8F93



8E8A97

# Rectangle

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



9A8885



938B7F



7C8F93



838D99



# Sweetspot

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



9A8885



C9C3C1



9A8597



666261



E6E6E6



666666



# Same Dimension

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



9A8885



C9AEA9



9A9285



4D4645



8C1400



0D0200



# Inverse Universe

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



85979A



A9C5C9



858D9A



454B4D



00788C



000B0D



# Previews

## White Background



This preview shows how the Hex color 9A8885 looks on a white background.

## Color Contrast Check

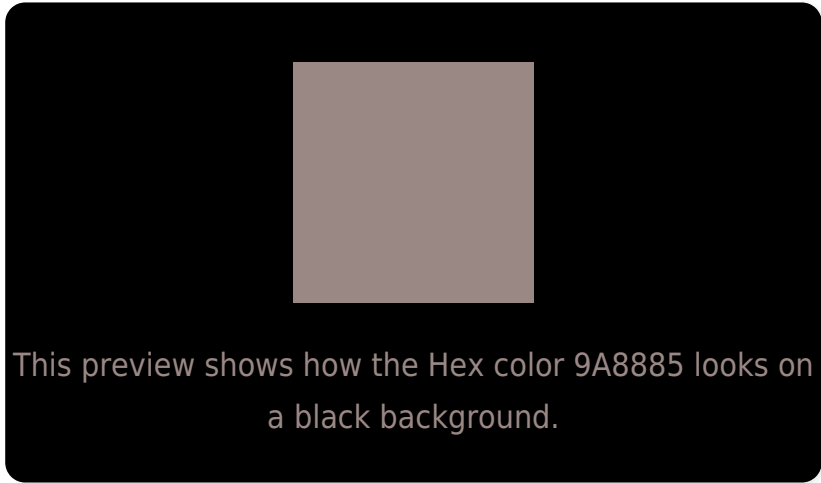
Large Text (above 18pt) WCAG AA ✓ Pass

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

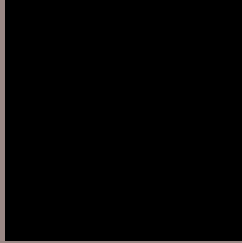
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A8885 Background



This preview shows how black text looks on a background with the Hex color 9A8885.



This preview shows how white text looks on a background with the Hex color 9A8885.

# 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**  
9A8885

**Protanopia**  
908B87

**Deuteranopia**  
9C8785



**Tritanopia**  
9C8691

# Trichromacy



**Original Color**

9A8885

**Protanomaly**

948A86

**Deuteranomaly**

9B8785

**Tritanomaly**

9B878D

# Monochromacy



**Original Color**

9A8885

**Achromatopsia**

8D8D8D

**Achromatomaly**

928B8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A8885 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 #9A8885 looks like.

```
.text, #text, p{  
    color:#9A8885  
}
```

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 #9A8885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A8885
}
```

## Border

The CSS property to change the border of an element to Hex 9A8885 is called "border". The border property can be set on classes, ids or directly on the HTML element.

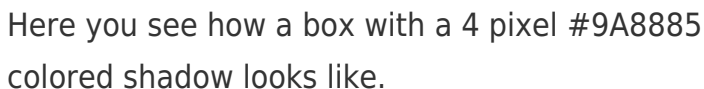
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A8885 }
```

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

```
.border{ border-color:#9A8885 }
```

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



Here you see how a box with a 4 pixel #9A8885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A8885; -webkit-box-shadow:4px 4px  
4px 4px #9A8885; box-shadow:4px 4px 4px  
4px #9A8885 }
```

# Background

The CSS property to change the background color of an element to Hex 9A8885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A8885 }
```

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

```
.background{ background-color:#9A8885 }
```

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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