

# Converting Colors

Hex(998085)

Have a look what the booklet for  
Hex(998085) contains.

<b>Hex(998085)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(998085)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	998085
RGB	153, 128, 133
RGB Percent	60%, 50%, 52%
CMY	0.4000, 0.4980, 0.4784
CMYK	0.00, 0.16, 0.13, 0.40
HSL	348°, 11%, 55%
HSV	348°, 16%, 60%
XYZ	25.0897, 23.9041, 25.4819
YIQ	136.0450, 13.2950, 6.8550

# Conversions

## Conversions Part 2

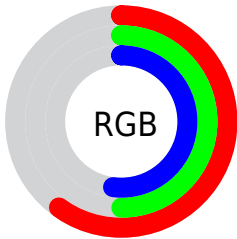
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 128, 133
Decimal	10059909
CIE <sub>Lab</sub>	55.99, 10.43, 0.87
CIE <sub>LCh</sub>	56, 10.469, 4.786
Yxy	23.9041, 0.3369, 0.3210
Android (android.graphics.Color)	4288249989 (0xFF998085)
YUV	136.0450, -1.5012, 14.8695
Hunter-Lab	48.8918, 6.0397, 3.3230

# Details

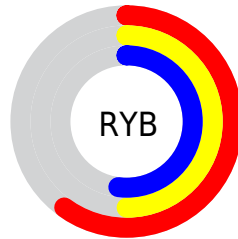
The Hex color **998085** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **809994**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D0B5BA**, and **664F54** is the 20% darker color. If you saturate the color by 10%, you get **997179**, and if you desaturate by 10%, it is **998F91**.

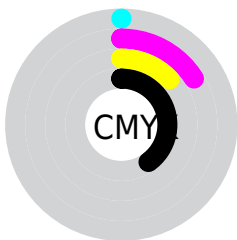
# Distribution



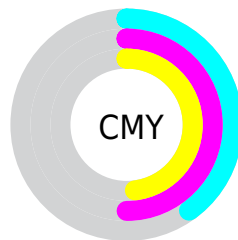
- Red (60%)
- Green (50%)
- Blue (52%)



- Red (60%)
- Yellow (50%)
- Blue (52%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (40%)



- Cyan (40%)
- Magenta (50%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 998085 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 998085 by changing the saturation by 10% instead.



 998085

 998085

FFFFFF

 7F676C

 D0B5BA

 664F54

 ECD0D6

 4D383D

 FFEDF2

 362227

 210D12

 000000

 998085

 998085

 997179

 998F91

 99616D

 999F9D

995260

99AEAA

994354

99BDB6

993448

99CDC2

99243C

99DCCE

99152F

99EBDB

990623

99FAE7

99001F

99FFF3

# Harmonies

## Analogous

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



94818E



998085



99817C

# Triad

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



998085



828977



748996

# Complementary

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



998085



809994

# 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.



6F8B90



998085



788B7E

# Square

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



998085



8C8674



718C87



7E8698

# Rectangle

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



998085



978278



718C87



728A95



# Sweetspot

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



998085



C7BDBF



948099



635D5F



E3E3E3



636363



# Same Dimension

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



998085



C79FA7



998880



4D4546



8C001C



0D0003



# Inverse Universe

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



998085



C79FA7



809299



4D4546



8C001C

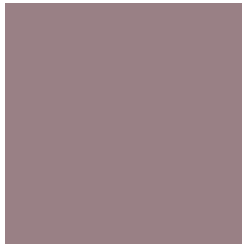


0D0003



# Previews

## White Background



This preview shows how the Hex color 998085 looks on a white background.

## Color Contrast Check

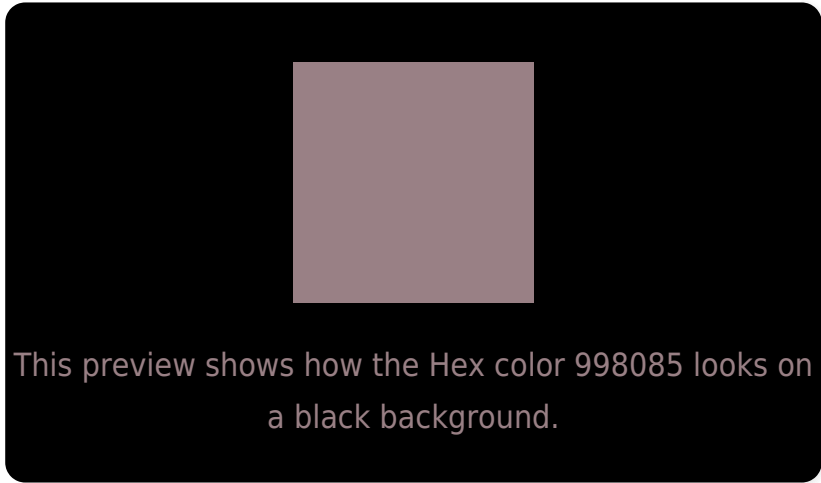
Large Text (above 18pt) WCAG AA ✓ Pass

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

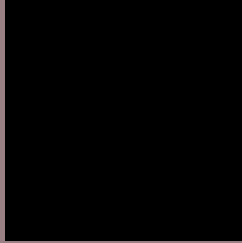
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 998085 Background



This preview shows how black text looks on a background with the Hex color 998085.



This preview shows how white text looks on a background with the Hex color 998085.

# 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**  
998085

**Protanopia**  
888688

**Deuteranopia**  
948285



**Tritanopia**  
9A7F89

# Trichromacy



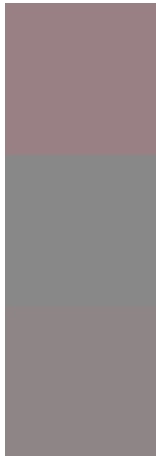
**Original Color**  
998085

**Protanomaly**  
8E8487

**Deuteranomaly**  
968185

**Tritanomaly**  
9A7F88

# Monochromacy



**Original Color**  
998085

**Achromatopsia**  
888888

**Achromatomaly**  
8E8587

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 998085 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 #998085 looks like.

```
.text, #text, p{  
    color:#998085  
}
```

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 #998085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #998085
}
```

## Border

The CSS property to change the border of an element to Hex 998085 is called "border". The border property can be set on classes, ids or directly on the HTML element.

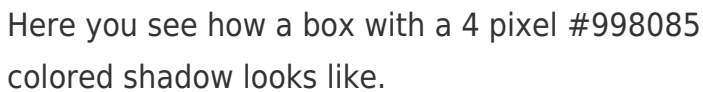
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#998085 }
```

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

```
.border{ border-color:#998085 }
```

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



Here you see how a box with a 4 pixel #998085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #998085; -webkit-box-shadow:4px 4px  
4px 4px #998085; box-shadow:4px 4px 4px  
4px #998085 }
```

# Background

The CSS property to change the background color of an element to Hex 998085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#998085 }
```

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

```
.background{ background-color:#998085 }
```

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