

# Converting Colors

Hex(898D8B)

Have a look what the booklet for  
Hex(898D8B) contains.

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# Color

**Hex(898D8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	898D8B
RGB	137, 141, 139
RGB Percent	54%, 55%, 55%
CMY	0.4627, 0.4471, 0.4549
CMYK	0.03, 0.00, 0.01, 0.45
HSL	150°, 2%, 55%
HSV	150°, 3%, 55%
XYZ	24.5016, 26.2322, 28.1980
YIQ	139.5760, -1.7420, -1.4700

# Conversions

## Conversions Part 2

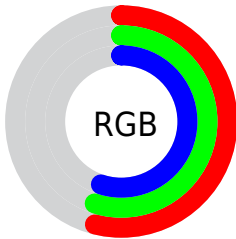
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 140, 141
Decimal	9014667
CIE Lab	58.26, -1.86, 0.55
CIE LCh	58, 1.935, 163.589
Yxy	26.2322, 0.3104, 0.3323
Android (android.graphics.Color)	4287204747 (0xFF898D8B)
YUV	139.5760, -0.2840, -2.2592
Hunter-Lab	51.2174, -4.2388, 3.2097

# Details

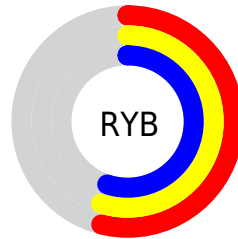
The Hex color **898D8B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D898B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BEC3C0**, and **575B59** is the 20% darker color. If you saturate the color by 10%, you get **7B8D84**, and if you desaturate by 10%, it is **978D92**.

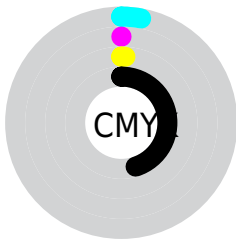
# Distribution



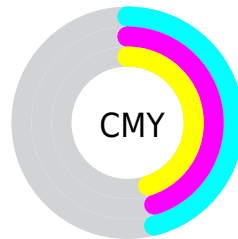
- Red (54%)
- Green (55%)
- Blue (55%)



- Red (54%)
- Yellow (55%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898D8B 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 898D8B by changing the saturation by 10% instead.





898D8B



898D8B

FFFFFF



707372



BEC3C0



575B59



DADEDC



404442



F7FBF9



2A2D2C



161917



000000



898D8B



898D8B



7B8D84



978D92



6D8D7D



A58D99

■ 5F8D76

■ B38DA0

■ 518D6F

■ C18DA7

■ 438D68

■ D08DAE

■ 348D61

■ DE8DB5

■ 268D5A

■ EC8DBC

■ 188D53

■ FA8DC3

■ 0A8D4C

■ FF8DCA

# Harmonies

## Analogous

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



8B8D8A



898D8B



888D8D

# Triad

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



898D8B



8B8C8F



908B8A

# Complementary

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



898D8B



8D898B

# 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.



908B8B



898D8B



8D8B8E

# Square

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



898D8B



898C8F



8F8B8D



8E8C89

# Rectangle

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



898D8B



888D8E



8F8B8D



908B8A



# Sweetspot

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



898D8B



B6B8B7



8B8D89



5B5C5B



DBDBDB



5C5C5C



# Same Dimension

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



898D8B



B2B8B5



898D8D



454746



008744



000804



# Inverse Universe

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



8D898B



B8B2B5



8D8989



474546



870044



080004



# Previews

## White Background



This preview shows how the Hex color 898D8B looks on a white background.

## Color Contrast Check

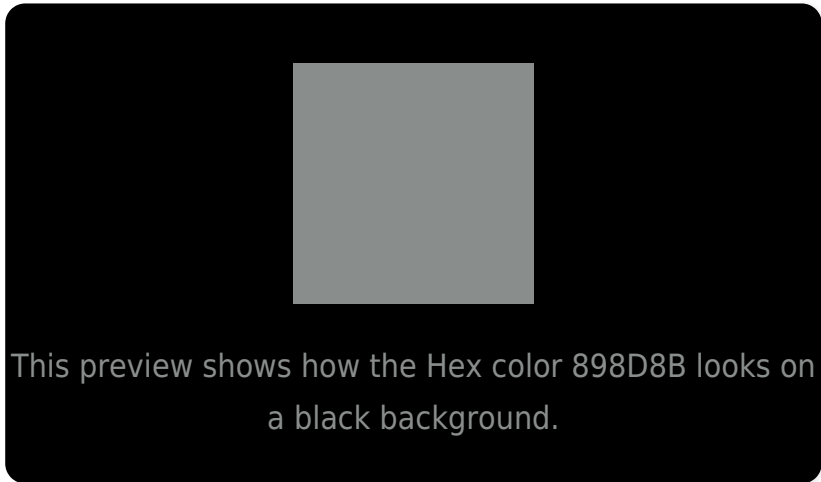
Large Text (above 18pt) WCAG AA ✓ Pass

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

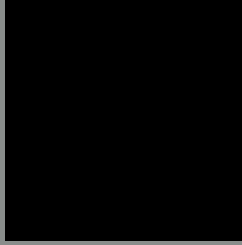
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

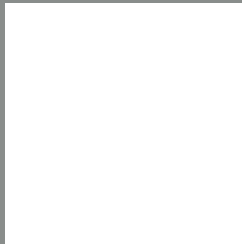
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 898D8B Background



This preview shows how black text looks on a background with the Hex color 898D8B.



This preview shows how white text looks on a background with the Hex color 898D8B.

# 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**  
898D8B

**Protanopia**  
8F8B8A

**Deuteranopia**  
99878C



**Tritanopia**  
8B8B96

# Trichromacy



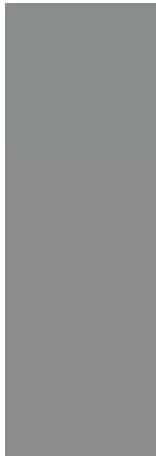
**Original Color**  
898D8B

**Protanomaly**  
8D8C8A

**Deuteranomaly**  
93898C

**Tritanomaly**  
8A8C92

# Monochromacy



**Original Color**  
898D8B

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
8B8C8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898D8B 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 #898D8B looks like.

```
.text, #text, p{  
    color:#898D8B  
}
```

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 #898D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898D8B
}
```

## Border

The CSS property to change the border of an element to Hex 898D8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

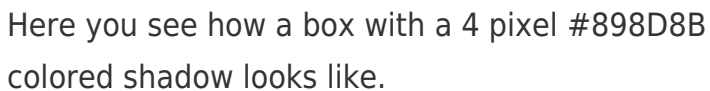
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#898D8B }
```

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

```
.border{ border-color:#898D8B }
```

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



Here you see how a box with a 4 pixel #898D8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898D8B; -webkit-box-shadow:4px 4px  
4px 4px #898D8B; box-shadow:4px 4px 4px  
4px #898D8B }
```

# Background

The CSS property to change the background color of an element to Hex 898D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898D8B }
```

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

```
.background{ background-color:#898D8B }
```

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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