

# Converting Colors

Hex(99898A)

Have a look what the booklet for  
Hex(99898A) contains.

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**Color**

**Hex(99898A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99898A
RGB	153, 137, 138
RGB Percent	60%, 54%, 54%
CMY	0.4000, 0.4627, 0.4588
CMYK	0.00, 0.10, 0.10, 0.40
HSL	356°, 7%, 57%
HSV	356°, 10%, 60%
XYZ	26.6700, 26.4986, 27.7538
YIQ	141.8980, 9.2150, 3.7030

# Conversions

## Conversions Part 2

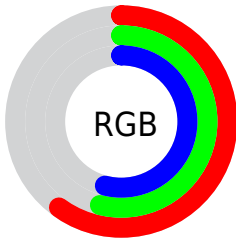
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 137, 138
Decimal	10062218
CIE Lab	58.51, 6.19, 1.65
CIE LCh	59, 6.404, 14.947
Yxy	26.4986, 0.3296, 0.3275
Android (android.graphics.Color)	4288252298 (0xFF99898A)
YUV	141.8980, -1.9217, 9.7365
Hunter-Lab	51.4768, 2.3959, 4.0674

# Details

The Hex color **99898A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **899998**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CFBEBF**, and **665758** is the 20% darker color. If you saturate the color by 10%, you get **997A7C**, and if you desaturate by 10%, it is **999898**.

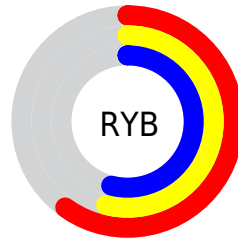
# Distribution



Red (60%)

Green (54%)

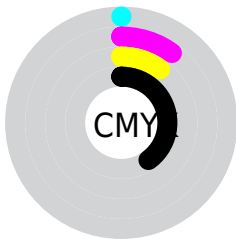
Blue (54%)



Red (60%)

Yellow (54%)

Blue (54%)

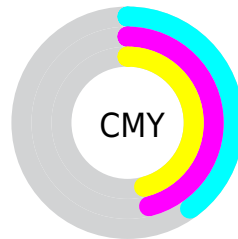


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99898A 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 99898A by changing the saturation by 10% instead.





99898A



99898A

FFFFFF



7F7071



CFBEBF



665758



ECDADB



4E4041



FFF7F8



372A2B



211616



000000



99898A



99898A



997A7C



999898



996A6D



99A8A7

 995B5F

 99B7B5

 994C51

 99C6C3

 993D42

 99D5D2

 992D34

 99E5E0

 991E26

 99F4EE

 990F17

 99FFFD

 99000A

 99FFFF

# Harmonies

## Analogous

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



978990



99898A



988A85

# Triad

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



99898A



888F85



848E97

# Complementary

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



99898A



899998

# 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.



808F94



99898A



82908A

# Square

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



99898A



8E8D82



7F908F



8A8C97

# Rectangle

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



99898A



968B83



7F908F



828F97



# Sweetspot

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



99898A



C7C1C1



988999



635F60



E3E3E3



636363



# Same Dimension

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



99898A



C7ADAF



999089



4D4545



8C0009



0D0001



# Inverse Universe

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



99898A



C7ADAF



899299



4D4545



8C0009



0D0001



# Previews

## White Background



This preview shows how the Hex color 99898A looks on a white background.

## Color Contrast Check

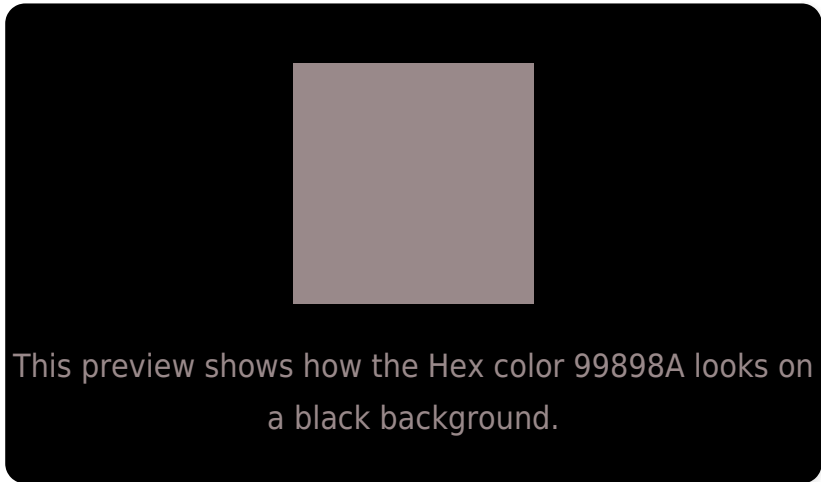
Large Text (above 18pt) WCAG AA ✓ Pass

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

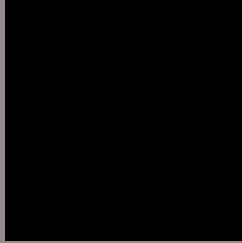
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

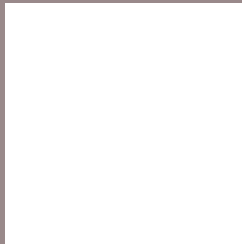
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99898A Background



This preview shows how black text looks on a background with the Hex color 99898A.



This preview shows how white text looks on a background with the Hex color 99898A.

# 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**  
99898A

**Protanopia**  
8F8C8C

**Deuteranopia**  
9B888A



**Tritanopia**  
9A8892

# Trichromacy



**Original Color**  
99898A

**Protanomaly**  
938B8B

**Deuteranomaly**  
9A888A

**Tritanomaly**  
9A888F

# Monochromacy



**Original Color**  
99898A

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
928C8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99898A 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 #99898A looks like.

```
.text, #text, p{  
    color:#99898A  
}
```

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 #99898A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99898A
}
```

## Border

The CSS property to change the border of an element to Hex 99898A is called "border". The border property can be set on classes, ids or directly on the HTML element.

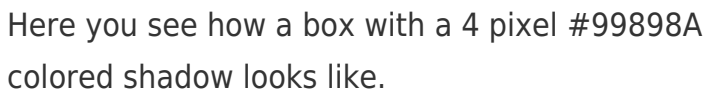
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99898A }
```

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

```
.border{ border-color:#99898A }
```

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



Here you see how a box with a 4 pixel #99898A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99898A; -webkit-box-shadow:4px 4px  
4px 4px #99898A; box-shadow:4px 4px 4px  
4px #99898A }
```

# Background

The CSS property to change the background color of an element to Hex 99898A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99898A }
```

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

```
.background{ background-color:#99898A }
```

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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