

Converting Colors

Hex(98878A)

Have a look what the booklet for
Hex(98878A) contains.

Hex(98878A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(98878A)

Conversions

Conversions Part 1

Format	Color
Hex	98878A
RGB	152, 135, 138
RGB Percent	60%, 53%, 54%
CMY	0.4039, 0.4706, 0.4588
CMYK	0.00, 0.11, 0.09, 0.40
HSL	349°, 8%, 56%
HSV	349°, 11%, 60%
XYZ	26.2003, 25.8383, 27.6511
YIQ	140.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

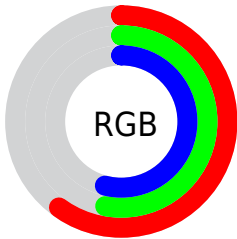
Format	Color
R_{YB}	152, 135, 138
Decimal	9996170
CIE _{Lab}	57.88, 6.94, 0.73
CIE _{LCh}	58, 6.982, 6.020
Yxy	25.8383, 0.3288, 0.3242
Android (android.graphics.Color)	4288186250 (0xFF98878A)
YUV	140.4250, -1.1955, 10.1513
Hunter-Lab	50.8314, 3.0503, 3.3296

Details

The Hex color **98878A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **879895**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **CEBCBF**, and **655558** is the 20% darker color. If you saturate the color by 10%, you get **98787D**, and if you desaturate by 10%, it is **989697**.

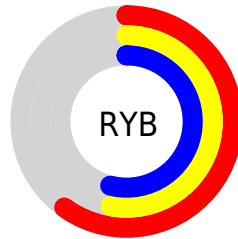
Distribution



Red (60%)

Green (53%)

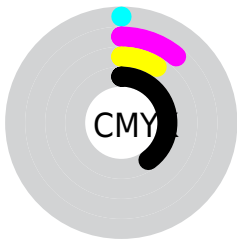
Blue (54%)



Red (60%)

Yellow (53%)

Blue (54%)

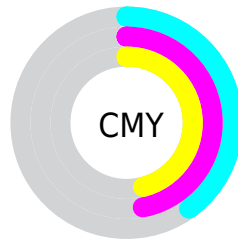


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98878A 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 98878A by changing the saturation by 10% instead.



98878A



98878A

FFFFFF



7E6E71



CEBCBF



655558



EBD8DB



4D3E41



FFF4F8



36282B



201416



000000



98878A



98878A



98787D



989697



986971



98A5A3

 985964

 98B5B0

 984A58

 98C4BC

 983B4B

 98D3C9


 982C3F

 98E2D5

 981D32

 98F1E2

 980D26

 98FFEE

 98001B

 98FFFB

Harmonies

Analogous

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



948890



98878A



988884

Triad

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



98878A



888D81



808D96

Complementary

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



98878A



879895

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.



7C8E92



98878A



818E86

Square

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



98878A



8F8B7F



7D8F8C



868B97

Rectangle

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



98878A



968881



7D8F8C



7E8E95

Sweetspot

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



98878A



C4BEBF



958798



635F60



E3E3E3



636363

Same Dimension

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



98878A



C4ABAF



988C87



4D4546



8C0019



0D0002

Inverse Universe

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



98878A



C4ABAF



879398



4D4546



8C0019



0D0002

Previews

White Background



This preview shows how the Hex color 98878A looks on a white background.

Color Contrast Check

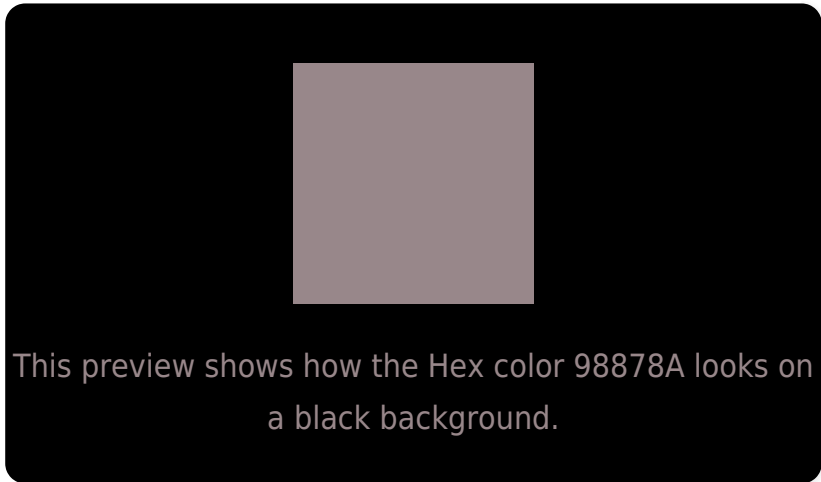
Large Text (above 18pt) WCAG AA ✓ Pass

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

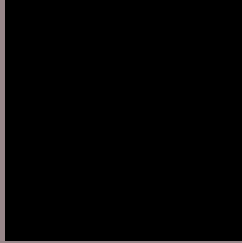
Any Text WCAG AA ✓ Pass

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 98878A Background



This preview shows how black text looks on a background with the Hex color 98878A.



This preview shows how white text looks on a background with the Hex color 98878A.

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
98878A

Protanopia
8D8A8C

Deuteranopia
99878A



Tritanopia
998690

Trichromacy



Original Color

98878A

Protanomaly

91898B

Deuteranomaly

99878A

Tritanomaly

99868E

Monochromacy



Original Color

98878A

Achromatopsia

8C8C8C

Achromatomaly

908A8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 98878A 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 #98878A looks like.

```
.text, #text, p{  
  color:#98878A  
}
```

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 #98878A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98878A
}
```

Border

The CSS property to change the border of an element to Hex 98878A is called "border". The border property can be set on classes, ids or directly on the HTML element.

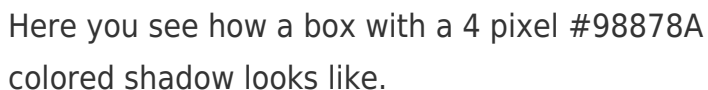
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98878A }
```

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

```
.border{ border-color:#98878A }
```

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



Here you see how a box with a 4 pixel #98878A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98878A; -webkit-box-shadow:4px 4px  
4px 4px #98878A; box-shadow:4px 4px 4px  
4px #98878A }
```

Background

The CSS property to change the background color of an element to Hex 98878A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98878A }
```

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

```
.background{ background-color:#98878A }
```

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