

# Converting Colors

Hex(989B83)

Have a look what the booklet for  
Hex(989B83) contains.

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# **Color**

**Hex(989B83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	989B83
RGB	152, 155, 131
RGB Percent	60%, 61%, 51%
CMY	0.4039, 0.3922, 0.4863
CMYK	0.02, 0.00, 0.15, 0.39
HSL	67°, 11%, 56%
HSV	67°, 15%, 61%
XYZ	28.7670, 31.7568, 26.0862
YIQ	151.3670, 5.9160, -8.1000

# Conversions

## Conversions Part 2

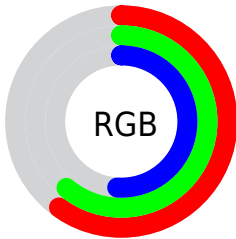
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 155, 134
Decimal	10001283
CIELab	63.14, -5.42, 12.23
CIELCh	63, 13.382, 113.909
Yxy	31.7568, 0.3321, 0.3667
Android (android.graphics.Color)	4288191363 (0xFF989B83)
YUV	151.3670, -10.0409, 0.5551
Hunter-Lab	56.3532, -7.4979, 12.0015

# Details

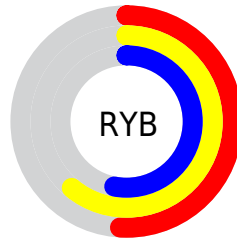
The Hex color **989B83** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **86839B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **CED1B8**, and **656852** is the 20% darker color. If you saturate the color by 10%, you get **969B73**, and if you desaturate by 10%, it is **9A9B93**.

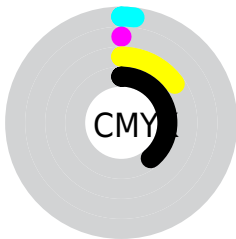
# Distribution



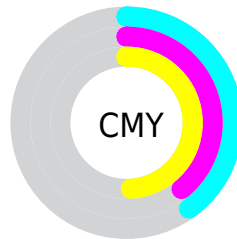
- Red (60%)
- Green (61%)
- Blue (51%)



- Red (51%)
- Yellow (61%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989B83 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 989B83 by changing the saturation by 10% instead.





989B83



989B83

FFFFFF



7E816A



CED1B8



656852



EBEED4



4D503B



FFFFF0



363925



202410



040F00



000000



989B83



989B83



969B73



9A9B93

■ 949B64

■ 9C9BA2

■ 929B55

■ 9E9BB1

■ 909B45

■ A09BC1

■ 8E9B36

■ A29BD1

■ 8C9B26

■ A49BE0

■ 8A9B16

■ A69BEF

■ 899B07

■ A79BFF

■ 889B00

■ A99BFF

# Harmonies

## Analogous

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



A59781



989B83



8A9E8B

# Triad

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



989B83



7E9EAC



AF919C

# Complementary

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



989B83



86839B

# 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.



A693A7



989B83



899BB0

# Square

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



989B83



7AA0A2



9897AE



B29190

# Rectangle

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



989B83



829F92



9897AE



AD91A0



# Sweetspot

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



989B83



C8C9BF



9B8683



656660



E6E6E6



666666



# Same Dimension

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



989B83



C5C9A3



8C9B83



4C4D45



7B8C00



0B0D00



# Inverse Universe

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



86839B



A8A3C9



92839B



46454D



12008C



02000D



# Previews

## White Background



This preview shows how the Hex color 989B83 looks on a white background.

## Color Contrast Check

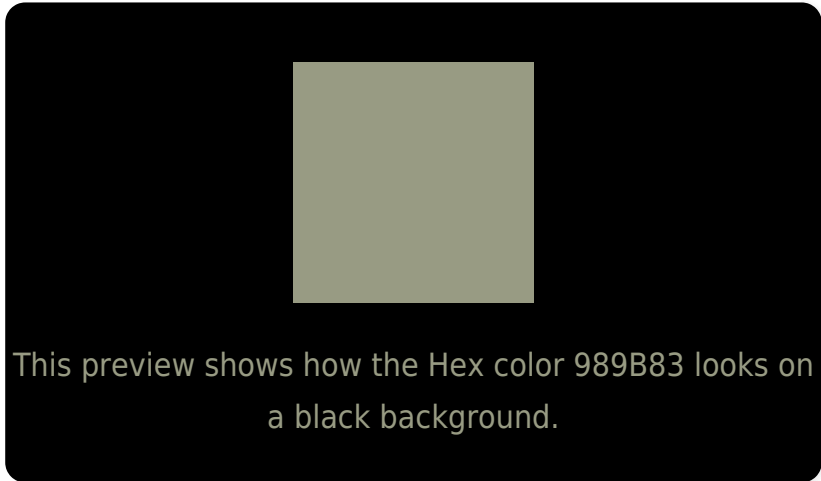
Large Text (above 18pt) WCAG AA × Fail

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

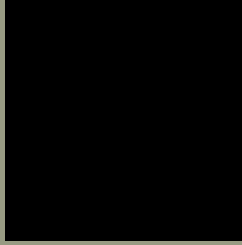
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 989B83 Background



This preview shows how black text looks on a background with the Hex color 989B83.

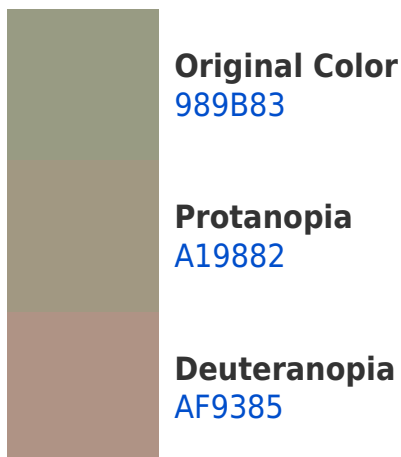


This preview shows how white text looks on a background with the Hex color 989B83.

# 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](#).

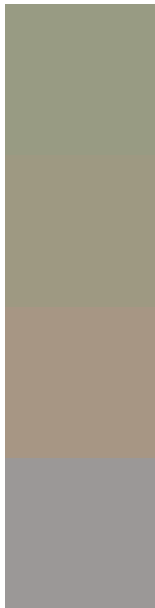
## Dichromacy





**Tritanopia**  
9C97A2

# Trichromacy



**Original Color**  
989B83

**Protanomaly**  
9E9982

**Deuteranomaly**  
A79684

**Tritanomaly**  
9B9897

# Monochromacy



**Original Color**  
989B83

**Achromatopsia**  
979797

**Achromatomaly**  
979890

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989B83 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 #989B83 looks like.

```
.text, #text, p{  
    color:#989B83  
}
```

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 #989B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989B83
}
```

## Border

The CSS property to change the border of an element to Hex 989B83 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
#989B83 }
```

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

```
.border{ border-color:#989B83 }
```

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

Here you see how a box with a 4 pixel #989B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989B83; -webkit-box-shadow:4px 4px  
4px 4px #989B83; box-shadow:4px 4px 4px  
4px #989B83 }
```

# Background

The CSS property to change the background color of an element to Hex 989B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989B83 }
```

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

```
.background{ background-color:#989B83 }
```

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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