

# Converting Colors

Hex(989A6B)

Have a look what the booklet for  
Hex(989A6B) contains.

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# **Color**

**Hex(989A6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989A6B
RGB	152, 154, 107
RGB Percent	60%, 60%, 42%
CMY	0.4039, 0.3961, 0.5804
CMYK	0.01, 0.00, 0.31, 0.40
HSL	63°, 19%, 51%
HSV	63°, 31%, 60%
XYZ	27.1583, 30.8481, 18.4328
YIQ	148.0440, 13.8950, -15.0410

# Conversions

## Conversions Part 2

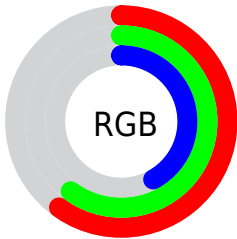
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">107, 154, 109</a>
Decimal	<a href="#">10001003</a>
CIELab	<a href="#">62.38, -8.52, 24.50</a>
CIELCh	<a href="#">62, 25.936, 109.169</a>
Yxy	<a href="#">30.8481, 0.3553, 0.4036</a>
Android (android.graphics.Color)	<a href="#">4288191083 (0xFF989A6B)</a>
YUV	<a href="#">148.0440, -20.2347, 3.4694</a>
Hunter-Lab	<a href="#">55.5411, -9.9145, 19.2018</a>

# Details

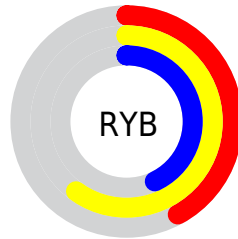
The Hex color **989A6B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6D6B9A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **CFD09F**, and **64673B** is the 20% darker color. If you saturate the color by 10%, you get **979A5C**, and if you desaturate by 10%, it is **999A7A**.

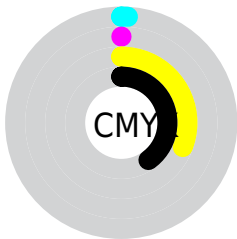
# Distribution



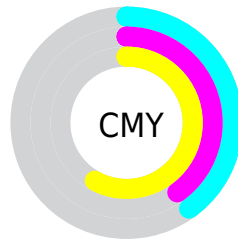
- Red (60%)
- Green (60%)
- Blue (42%)



- Red (42%)
- Yellow (60%)
- Blue (43%)



- Cyan (1%)
- Magenta (0%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (40%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989A6B 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 989A6B by changing the saturation by 10% instead.





989A6B



989A6B

FFFFFF



7E8052



CFD09F



64673B



EBEDBA



4C4F24



FFFFD6



34380F



FFFFF2



1F2300



000E00



000000



989A6B



989A6B



979A5C



999A7A

 979A4C

 999A8A

 969A3D

 9A9A99

 959A2D

 9B9AA9

 959A1E

 9B9AB8

 949A0F

 9C9AC7

 939A00

 9D9AD7

 9D9AE6

 9E9AF6

# Harmonies

## Analogous

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



AF926A



989A6B



7EA078

# Triad

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



989A6B



54A1B9



BF87A0

# Complementary

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



989A6B



6D6B9A

# 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.



AC8CB5



989A6B



6D9BC3

# Square

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



989A6B



51A3A5



8F94C2



C58689

# Rectangle

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



989A6B



6CA286



8F94C2



BA88A8



# Sweetspot

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



989A6B



C9C9B7



9A6D6B



66665B



E6E6E6



666666



# Same Dimension

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



989A6B



C6C97F



819A6B



4C4D45



868C00



0C0D00



# Inverse Universe

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



6D6B9A



827FC9



846B9A



45454D



06008C



01000D



# Previews

## White Background



This preview shows how the Hex color 989A6B looks on a white background.

## Color Contrast Check

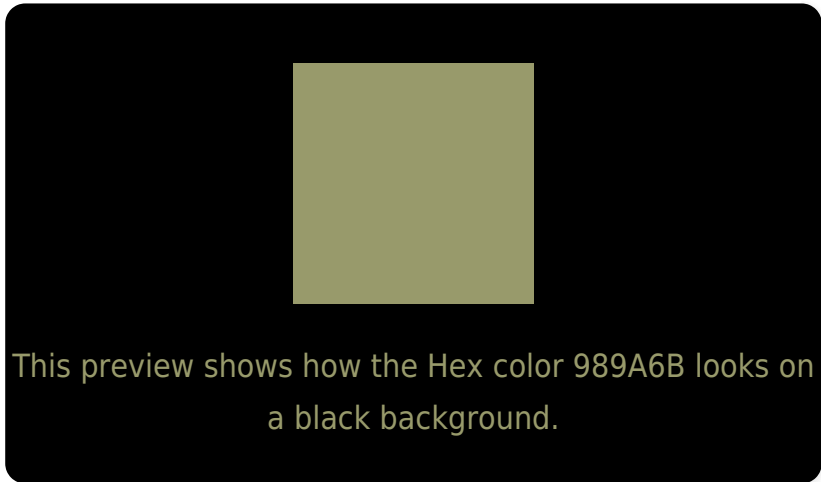
Large Text (above 18pt) WCAG AA × Fail

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

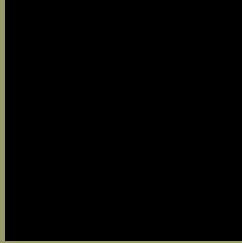
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

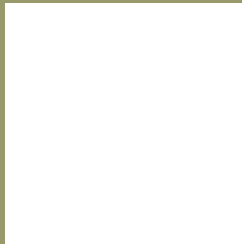
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 989A6B Background



This preview shows how black text looks on a background with the Hex color 989A6B.

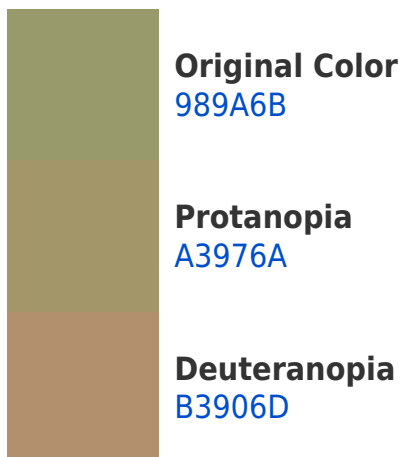



This preview shows how white text looks on a background with the Hex color 989A6B.

# 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](#).

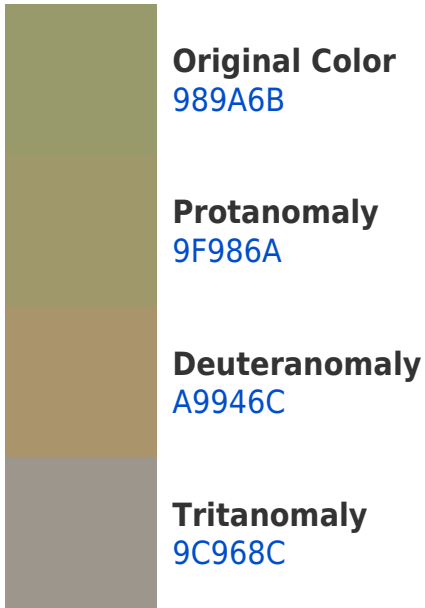
## Dichromacy



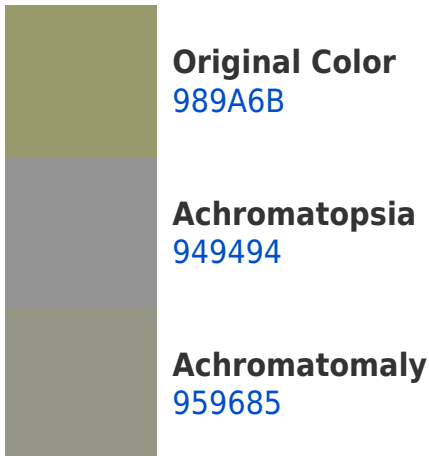


**Tritanopia**  
9E939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989A6B 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 #989A6B looks like.

```
.text, #text, p{  
    color:#989A6B  
}
```

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 #989A6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989A6B
}
```

## Border

The CSS property to change the border of an element to Hex 989A6B 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
#989A6B }
```

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

```
.border{ border-color:#989A6B }
```

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

Here you see how a box with a 4 pixel #989A6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989A6B; -webkit-box-shadow:4px 4px  
4px 4px #989A6B; box-shadow:4px 4px 4px  
4px #989A6B }
```

# Background

The CSS property to change the background color of an element to Hex 989A6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989A6B }
```

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

```
.background{ background-color:#989A6B }
```

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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