

# Converting Colors

Hex(989A6A)

Have a look what the booklet for  
Hex(989A6A) contains.

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**Color**

**Hex(989A6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989A6A
RGB	152, 154, 106
RGB Percent	60%, 60%, 42%
CMY	0.4039, 0.3961, 0.5843
CMYK	0.01, 0.00, 0.31, 0.40
HSL	62°, 19%, 51%
HSV	62°, 31%, 60%
XYZ	27.1060, 30.8272, 18.1573
YIQ	147.9300, 14.2160, -15.3520

# Conversions

## Conversions Part 2

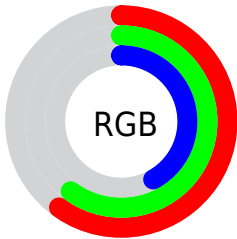
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 154, 108</a>
Decimal	<a href="#">10001002</a>
CIELab	<a href="#">62.36, -8.65, 25.02</a>
CIELCh	<a href="#">62, 26.475, 109.074</a>
Yxy	<a href="#">30.8272, 0.3562, 0.4051</a>
Android (android.graphics.Color)	<a href="#">4288191082 (0xFF989A6A)</a>
YUV	<a href="#">147.9300, -20.6715, 3.5694</a>
Hunter-Lab	<a href="#">55.5223, -10.0201, 19.4761</a>

# Details

The Hex color **989A6A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6C6A9A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **CFD09E**, and **64673A** is the 20% darker color. If you saturate the color by 10%, you get **979A5B**, and if you desaturate by 10%, it is **999A79**.

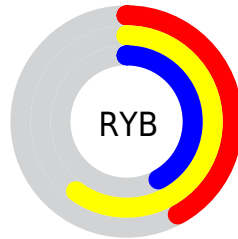
# Distribution



Red (60%)

Green (60%)

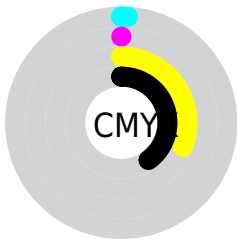
Blue (42%)



Red (42%)

Yellow (60%)

Blue (42%)

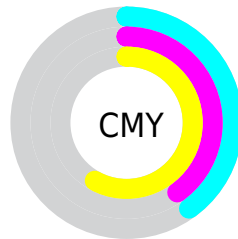


Cyan (1%)

Magenta (0%)

Yellow (31%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989A6A 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 989A6A by changing the saturation by 10% instead.





989A6A



989A6A

FFFFFF



7E8051



CFD09E



64673A



EBEDB9



4C4F23



FFFFD5



34380E



FFFFF1



1F2300



000E00



000000



989A6A



989A6A



979A5B



999A79

 979A4B

 999A89

 969A3C

 9A9A98

 959A2C

 9B9AA8

 959A1D

 9B9AB7

 949A0E

 9C9AC6

 949A00

 9C9AD6

 9D9AE5

 9E9AF5

# Harmonies

## Analogous

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



AF9269



989A6A



7DA077

# Triad

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



989A6A



52A1B9



C086A0

# Complementary

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



989A6A



6C6A9A

# 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.



AC8CB6



989A6A



6C9CC4

# Square

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



989A6A



4FA4A5



8E94C3



C68689

# Rectangle

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



989A6A



6BA285



8E94C3



BB88A8



# Sweetspot

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



989A6A



C9C9B7



9A6C6A



66665B



E6E6E6



666666



# Same Dimension

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



989A6A



C6C97F



809A6A



4C4D45



868C00



0C0D00



# Inverse Universe

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



6C6A9A



827FC9



846A9A



45454D



06008C



01000D



# Previews

## White Background



This preview shows how the Hex color 989A6A looks on a white background.

## Color Contrast Check

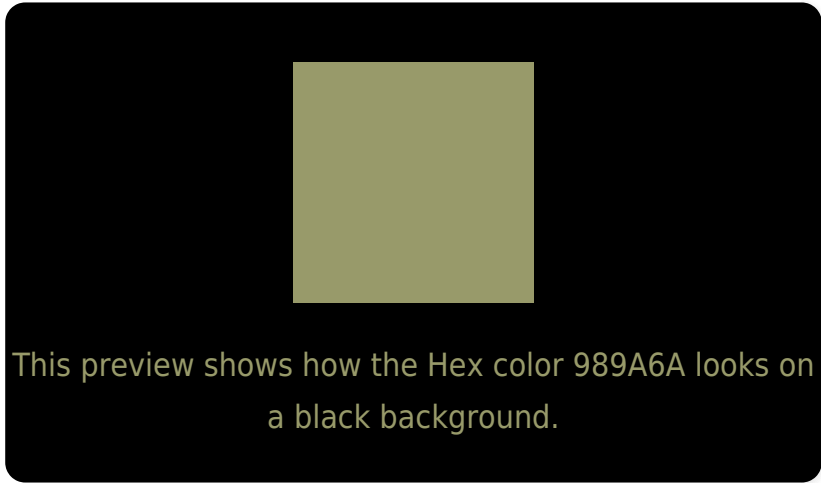
Large Text (above 18pt) WCAG AA × Fail

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

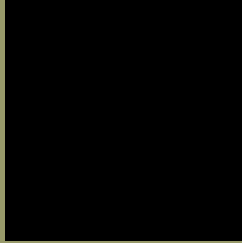
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

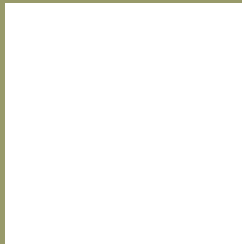
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 989A6A Background



This preview shows how black text looks on a background with the Hex color 989A6A.



This preview shows how white text looks on a background with the Hex color 989A6A.

# 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**  
989A6A

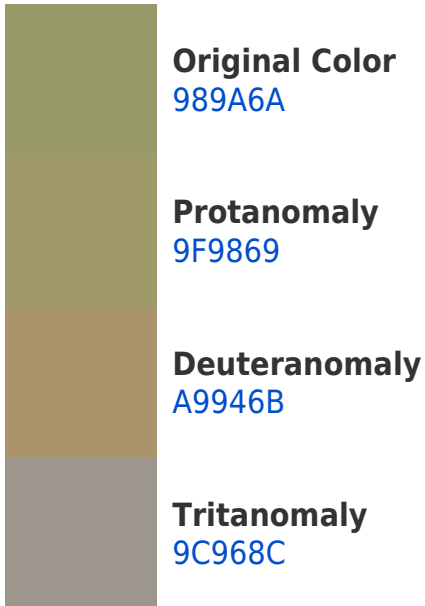
**Protanopia**  
A39769

**Deuteranopia**  
B3906C

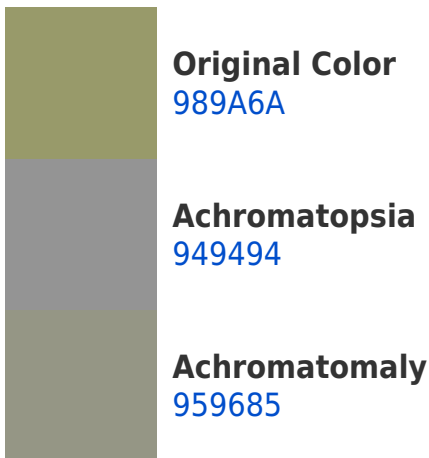


**Tritanopia**  
9F939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989A6A 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 #989A6A looks like.

```
.text, #text, p{  
    color:#989A6A  
}
```

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 #989A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989A6A
}
```

## Border

The CSS property to change the border of an element to Hex 989A6A 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
#989A6A }
```

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

```
.border{ border-color:#989A6A }
```

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

Here you see how a box with a 4 pixel #989A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989A6A; -webkit-box-shadow:4px 4px  
4px 4px #989A6A; box-shadow:4px 4px 4px  
4px #989A6A }
```

# Background

The CSS property to change the background color of an element to Hex 989A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989A6A }
```

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

```
.background{ background-color:#989A6A }
```

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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