

# Converting Colors

Hex(989851)

Have a look what the booklet for  
Hex(989851) contains.

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**Color**

**Hex(989851)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	989851
RGB	152, 152, 81
RGB Percent	60%, 60%, 32%
CMY	0.4039, 0.4039, 0.6824
CMYK	0.00, 0.00, 0.47, 0.40
HSL	60°, 30%, 46%
HSV	60°, 47%, 60%
XYZ	25.6623, 29.7260, 12.1697
YIQ	143.9060, 22.7910, -22.0810

# Conversions

## Conversions Part 2

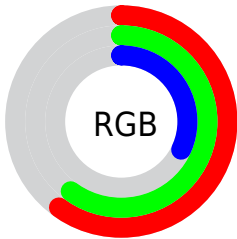
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 152, 81
Decimal	10000465
CIELab	61.42, -10.53, 37.14
CIELCh	61, 38.602, 105.830
Yxy	29.7260, 0.3799, 0.4400
Android (android.graphics.Color)	4288190545 (0xFF989851)
YUV	143.9060, -31.0127, 7.0984
Hunter-Lab	54.5215, -11.3958, 24.9310

# Details

The Hex color **989851** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **515198**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D0CE84**, and **636521** is the 20% darker color. If you saturate the color by 10%, you get **989842**, and if you desaturate by 10%, it is **989860**.

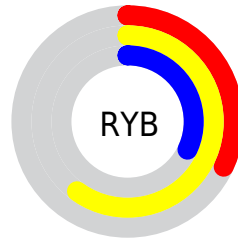
# Distribution



Red (60%)

Green (60%)

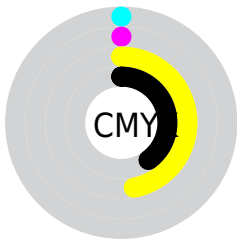
Blue (32%)



Red (32%)

Yellow (60%)

Blue (32%)

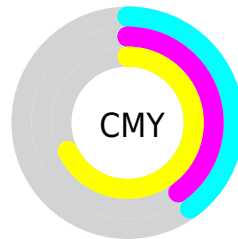


Cyan (0%)

Magenta (0%)

Yellow (47%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989851 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 989851 by changing the saturation by 10% instead.





989851



989851

FFFFFF



7D7E39



D0CE84



636521



ECEA9E



4A4D06



FFFFBA



333700



FFFFD6



1A2100



FFFFF2



000A00



000000



989851



989851



989842



989860

 989833

 98986F

 989823

 98987F

 989814

 98988E

 989805

 98989D

 989800

 9898AC

 9898BB

 9898CB

 9898DA

# Harmonies

## Analogous

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



B88D52



989851



72A063

# Triad

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



989851



00A3C4



CC7BA6

# Complementary

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



989851



515198

# 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.



AF85C4



989851



3B9CD6

# Square

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



989851



00A6A6



7F91D6



D67983

# Rectangle

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



989851



54A477



7F91D6



C47DB1



# Sweetspot

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



989851



C4C4A9



985151



636353



E3E3E3



636363



# Same Dimension

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



989851



C4C456



759851



4D4D45



8C8C00



0D0D00



# Inverse Universe

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



515198



5656C4



755198



45454D



00008C



00000D



# Previews

## White Background



This preview shows how the Hex color 989851 looks on a white background.

## Color Contrast Check

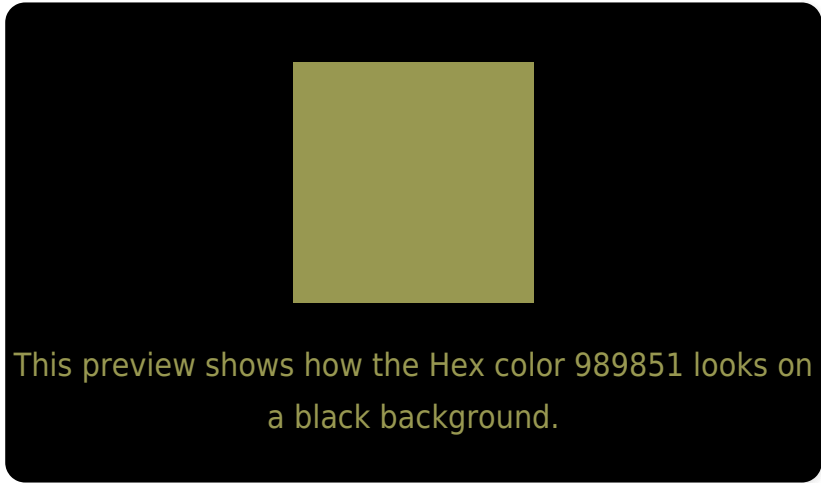
Large Text (above 18pt) WCAG AA ✓ Pass

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

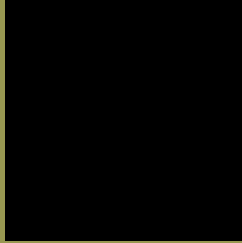
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 989851 Background



This preview shows how black text looks on a background with the Hex color 989851.

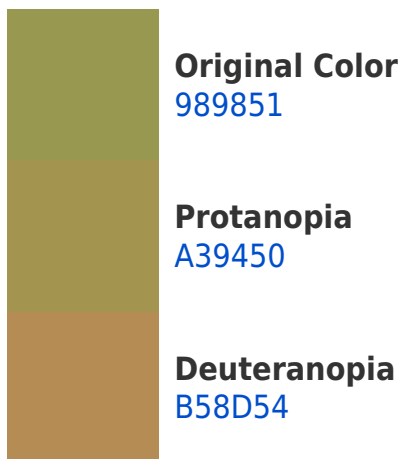


This preview shows how white text looks on a background with the Hex color 989851.

# 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](#).

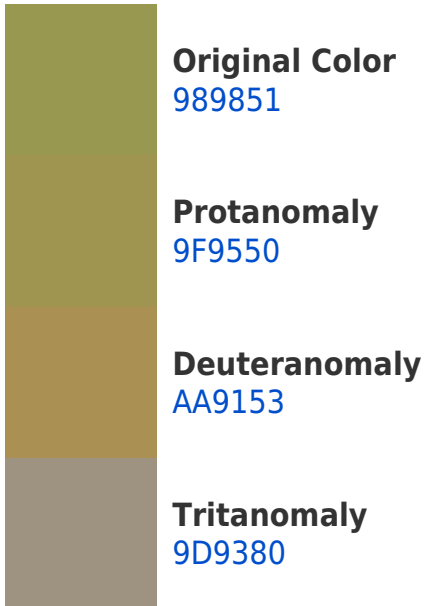
## Dichromacy



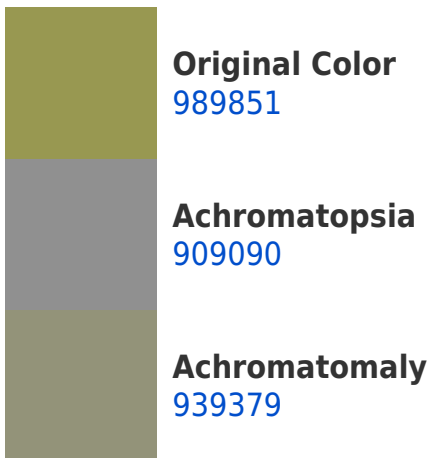


**Tritanopia**  
A0909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989851 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 #989851 looks like.

```
.text, #text, p{  
    color:#989851  
}
```

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 #989851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989851
}
```

## Border

The CSS property to change the border of an element to Hex 989851 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
#989851 }
```

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

```
.border{ border-color:#989851 }
```

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

Here you see how a box with a 4 pixel #989851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989851; -webkit-box-shadow:4px 4px  
4px 4px #989851; box-shadow:4px 4px 4px  
4px #989851 }
```

# Background

The CSS property to change the background color of an element to Hex 989851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989851 }
```

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

```
.background{ background-color:#989851 }
```

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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