

# Converting Colors

Hex(989746)

Have a look what the booklet for  
Hex(989746) contains.

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**Color**

**Hex(989746)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	989746
RGB	152, 151, 70
RGB Percent	60%, 59%, 27%
CMY	0.4039, 0.4078, 0.7255
CMYK	0.00, 0.01, 0.54, 0.40
HSL	59°, 37%, 44%
HSV	59°, 54%, 60%
XYZ	25.1210, 29.2508, 10.1163
YIQ	142.0650, 26.5970, -24.9790

# Conversions

## Conversions Part 2

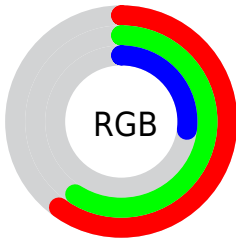
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 152, 70
Decimal	10000198
CIELab	61.00, -11.03, 42.18
CIELCh	61, 43.598, 104.657
Yxy	29.2508, 0.3895, 0.4536
Android (android.graphics.Color)	4288190278 (0xFF989746)
YUV	142.0650, -35.5280, 8.7130
Hunter-Lab	54.0840, -11.7372, 26.7687

# Details

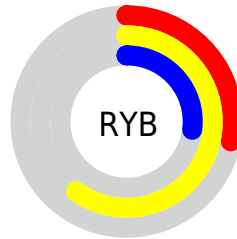
The Hex color **989746** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **464798**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D0CD79**, and **636413** is the 20% darker color. If you saturate the color by 10%, you get **989737**, and if you desaturate by 10%, it is **989755**.

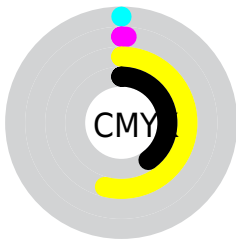
# Distribution



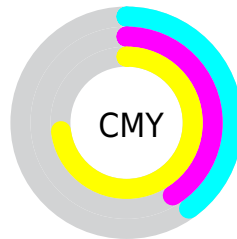
- Red (60%)
- Green (59%)
- Blue (27%)



- Red (28%)
- Yellow (60%)
- Blue (27%)



- Cyan (0%)
- Magenta (1%)
- Yellow (54%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989746 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 989746 by changing the saturation by 10% instead.





989746



989746

FFFFFF



7D7D2D



D0CD79



636413



EDE993



494D00



FFFFAE



313600



FFFFCA



192100



FFFFE7



000700



000000



989746



989746



989737



989755

 989728

 989764

 989618

 989874

 989609

 989883

 989600

 989892

 9898A1

 9898B0

 9898C0

 9899CF

# Harmonies

## Analogous

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



BB8A48



989746



6DA05B

# Triad

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



989746



00A4C8



D176A9

# Complementary

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



989746



464798

# 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.



AF82CA



989746



009DDD

# Square

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



989746



00A7A5



7691DE



DC7482

# Rectangle

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



989746



49A471



7691DE



C879B5



# Sweetspot

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



989746



C4C4A5



984647



636351



E3E3E3



636363



# Same Dimension

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



989746



C4C345



709846



4D4C45



8C8B00



0D0D00



# Inverse Universe

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



464798



4546C4



6E4698



45454D



00028C



00000D



# Previews

## White Background



This preview shows how the Hex color 989746 looks on a white background.

## Color Contrast Check

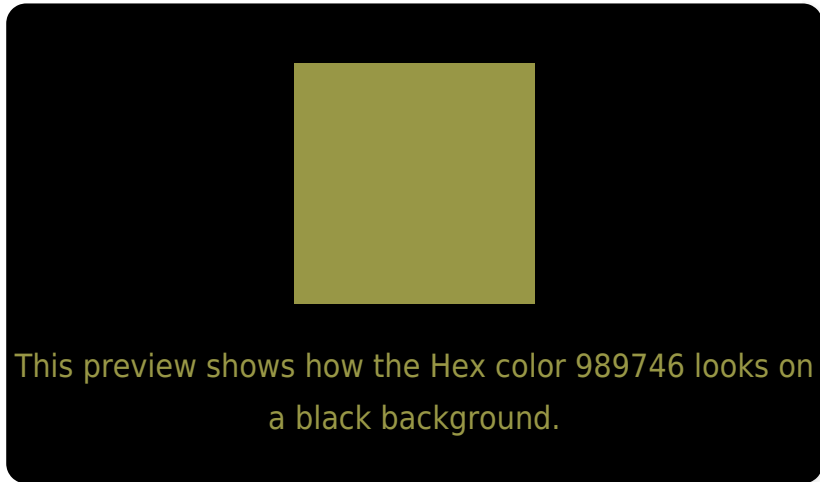
Large Text (above 18pt) WCAG AA ✓ Pass

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

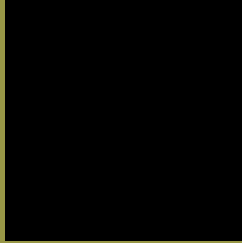
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 989746 Background



This preview shows how black text looks on a background with the Hex color 989746.



This preview shows how white text looks on a background with the Hex color 989746.

# 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**  
989746

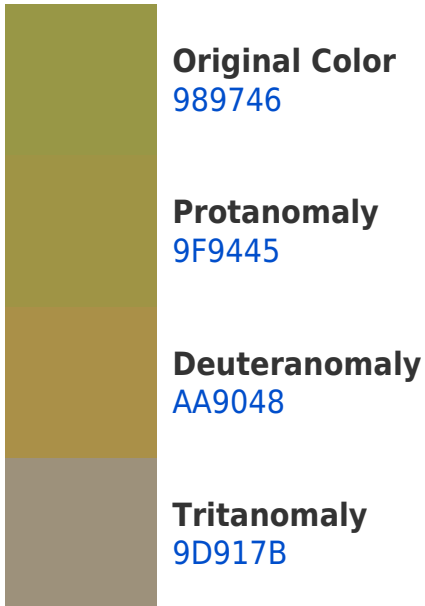
**Protanopia**  
A39345

**Deuteranopia**  
B58C49



**Tritanopia**  
A08E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989746 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 #989746 looks like.

```
.text, #text, p{  
    color:#989746  
}
```

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 #989746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989746
}
```

## Border

The CSS property to change the border of an element to Hex 989746 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
#989746 }
```

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

```
.border{ border-color:#989746 }
```

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

Here you see how a box with a 4 pixel #989746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989746; -webkit-box-shadow:4px 4px  
4px 4px #989746; box-shadow:4px 4px 4px  
4px #989746 }
```

# Background

The CSS property to change the background color of an element to Hex 989746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989746 }
```

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

```
.background{ background-color:#989746 }
```

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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