

# Converting Colors

Hex(989F4B)

Have a look what the booklet for  
Hex(989F4B) contains.

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**Color**

**Hex(989F4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989F4B
RGB	152, 159, 75
RGB Percent	60%, 62%, 29%
CMY	0.4039, 0.3765, 0.7059
CMYK	0.04, 0.00, 0.53, 0.38
HSL	65°, 36%, 46%
HSV	65°, 53%, 62%
XYZ	26.6170, 31.9797, 11.4264
YIQ	147.3310, 22.7920, -27.6080

# Conversions

## Conversions Part 2

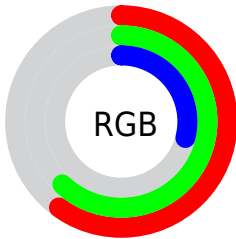
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 159, 82
Decimal	10002251
CIELab	63.33, -14.80, 42.43
CIELCh	63, 44.940, 109.229
Yxy	31.9797, 0.3801, 0.4567
Android (android.graphics.Color)	4288192331 (0xFF989F4B)
YUV	147.3310, -35.6592, 4.0947
Hunter-Lab	56.5506, -14.9477, 27.6054

# Details

The Hex color **989F4B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **524B9F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **D0D67E**, and **636C19** is the 20% darker color. If you saturate the color by 10%, you get **979F3B**, and if you desaturate by 10%, it is **999F5B**.

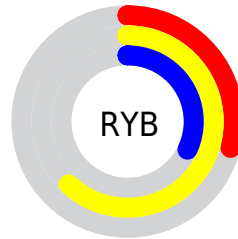
# Distribution



Red (60%)

Green (62%)

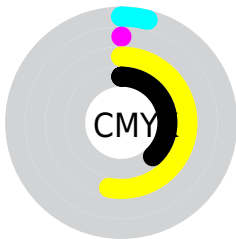
Blue (29%)



Red (29%)

Yellow (62%)

Blue (32%)

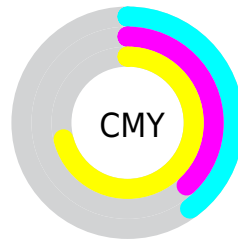


Cyan (4%)

Magenta (0%)

Yellow (53%)

Black (38%)



Cyan (40%)

Magenta (38%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989F4B 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 989F4B by changing the saturation by 10% instead.





989F4B



989F4B

FFFFFF



7D8532



D0D67E



636C19



EDF299



495400



FFFFB4



323C00



FFFF00



182700



FFFED



001400



000000



989F4B



989F4B



979F3B



999F5B

 959F2B

 9B9F6B

 949F1B

 9C9F7B

 939F0B

 9D9F8B

 929F00

 9F9F9B

 A09FAA

 A19FBA

 A39FCA

 A49FDA

# Harmonies

## Analogous

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



BE9249



989F4B



6AA863

# Triad

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



989F4B



00AAD5



DC7AA9

# Complementary

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



989F4B



524B9F

# 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.



BD85CE



989F4B



27A2E7

# Square

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



989F4B



00AEB2



8594E5



E57981

# Rectangle

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



989F4B



41AC7C



8594E5



D47CB7



# Sweetspot

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



989F4B



CCCFAE



9F524B



676955



E8E8E8



696969



# Same Dimension

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



989F4B



C4CF4C



6E9F4B



4E4F47



838F00



0E0F00



# Inverse Universe

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



524B9F



574CCF



7C4B9F



48474F



0C008F



01000F



# Previews

## White Background



This preview shows how the Hex color 989F4B looks on a white background.

## Color Contrast Check

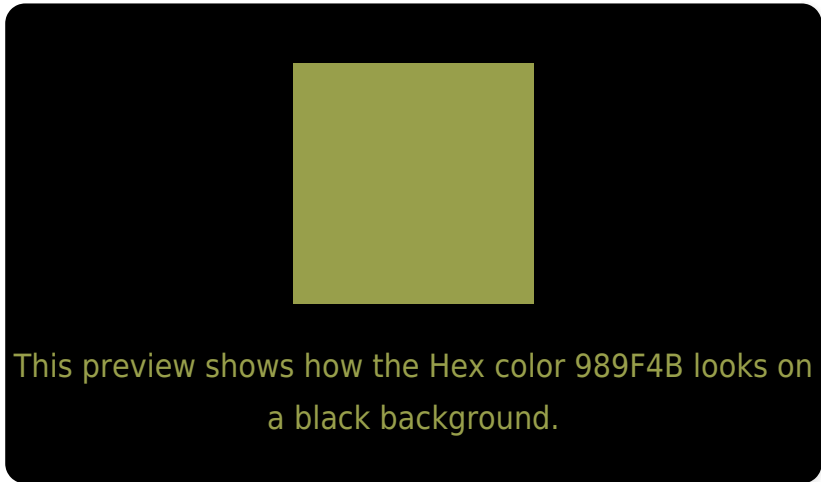
Large Text (above 18pt) WCAG AA × Fail

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 989F4B Background



This preview shows how black text looks on a background with the Hex color 989F4B.

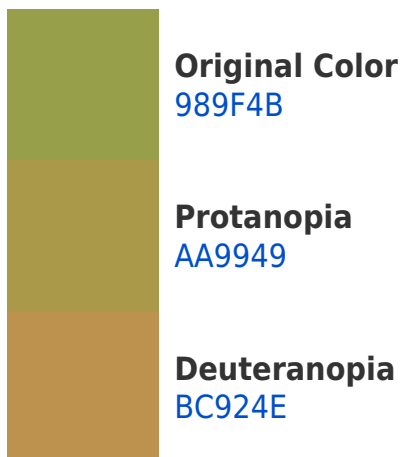


This preview shows how white text looks on a background with the Hex color 989F4B.

# 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](#).

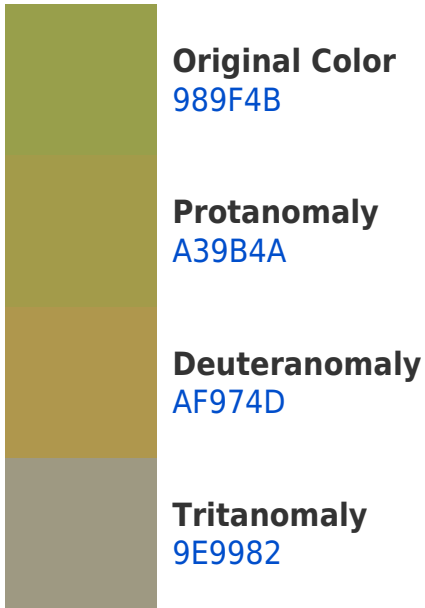
## Dichromacy



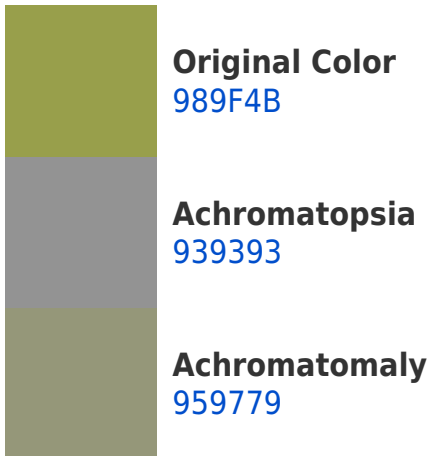


**Tritanopia**  
A196A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989F4B 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 #989F4B looks like.

```
.text, #text, p{  
    color:#989F4B  
}
```

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 #989F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989F4B
}
```

## Border

The CSS property to change the border of an element to Hex 989F4B 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
#989F4B }
```

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

```
.border{ border-color:#989F4B }
```

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

Here you see how a box with a 4 pixel #989F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989F4B; -webkit-box-shadow:4px 4px  
4px 4px #989F4B; box-shadow:4px 4px 4px  
4px #989F4B }
```

# Background

The CSS property to change the background color of an element to Hex 989F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989F4B }
```

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

```
.background{ background-color:#989F4B }
```

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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