

# Converting Colors

Hex(989C2D)

Have a look what the booklet for  
Hex(989C2D) contains.

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# **Color**

**Hex(989C2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989C2D
RGB	152, 156, 45
RGB Percent	60%, 61%, 18%
CMY	0.4039, 0.3882, 0.8235
CMYK	0.03, 0.00, 0.71, 0.39
HSL	62°, 55%, 39%
HSV	62°, 71%, 61%
XYZ	25.3110, 30.6418, 7.0630
YIQ	142.1500, 33.2470, -35.3690

# Conversions

## Conversions Part 2

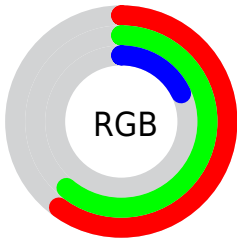
Format	Color
<a href="#">RYB</a>	<a href="#">45, 156, 49</a>
Decimal	<a href="#">10001453</a>
CIELab	<a href="#">62.20, -15.40, 54.47</a>
CIELCh	<a href="#">62, 56.611, 105.790</a>
Yxy	<a href="#">30.6418, 0.4017, 0.4863</a>
Android (android.graphics.Color)	<a href="#">4288191533 (0xFF989C2D)</a>
YUV	<a href="#">142.1500, -47.8949, 8.6385</a>
Hunter-Lab	<a href="#">55.3550, -15.2524, 31.1834</a>

# Details

The Hex color **989C2D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **312D9C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D1D262**, and **626900** is the 20% darker color. If you saturate the color by 10%, you get **979C1D**, and if you desaturate by 10%, it is **999C3D**.

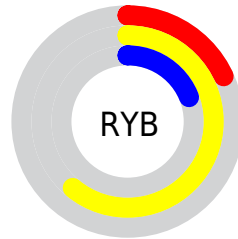
# Distribution



Red (60%)

Green (61%)

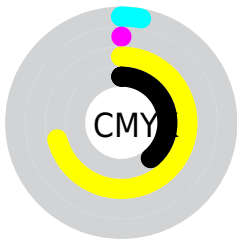
Blue (18%)



Red (18%)

Yellow (61%)

Blue (19%)

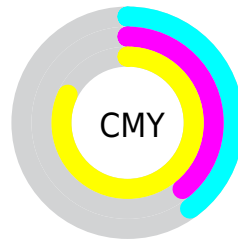


Cyan (3%)

Magenta (0%)

Yellow (71%)

Black (39%)



Cyan (40%)

Magenta (39%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989C2D 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 989C2D by changing the saturation by 10% instead.



 989C2D

 989C2D

FFFFFF

 7C820D

 D1D262

 626900

 EEEF7D

 485100

 FFFF98

 2E3A00

 FFFFB4

 152500

 FFFF00

 000E00

 FFFFED

 000000

 989C2D

 989C2D

 979C1D

 999C3D

979C0E

999C4C

969C00

9A9C5C

9A9C6B

9B9C7B

9B9C8B

9C9C9A

9C9CAA

9D9CB9

# Harmonies

## Analogous

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



C58B30



989C2D



5EA74D

# Triad

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



989C2D



00ACDD



E66CB0

# Complementary

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



989C2D



312D9C

# 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.



BB7EDD



989C2D



00A3F7

# Square

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



989C2D



00AFB0



6B93F7



F3697E

# Rectangle

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



989C2D



15AC6B



6B93F7



DB71C1



# Sweetspot

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



989C2D



CACCA1



9C312D



65664D



E6E6E6



666666



# Same Dimension

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



989C2D



C6CC1F



619C2D



4F4F47



8A8F00



0F0F00



# Inverse Universe

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



312D9C



251FCC



682D9C



47474F



05008F



01000F



# Previews

## White Background



This preview shows how the Hex color 989C2D looks on a white background.

## Color Contrast Check

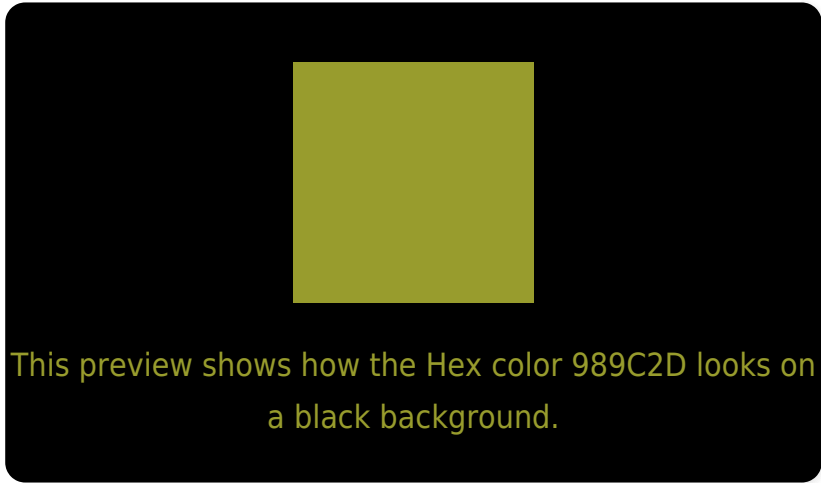
Large Text (above 18pt) WCAG AA × Fail

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

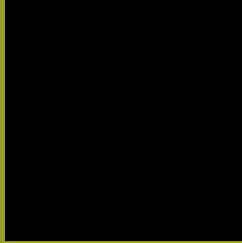
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 989C2D Background



This preview shows how black text looks on a background with the Hex color 989C2D.

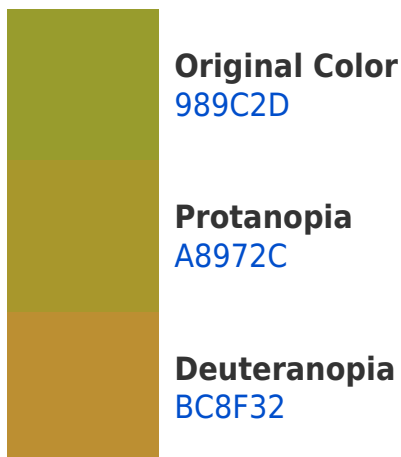


This preview shows how white text looks on a background with the Hex color 989C2D.

# 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**  
A2929D

# Trichromacy



**Original Color**  
989C2D

**Protanomaly**  
A2992C

**Deuteranomaly**  
AF9430

**Tritanomaly**  
9E9674

# Monochromacy



**Original Color**  
989C2D

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
92936B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989C2D 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 #989C2D looks like.

```
.text, #text, p{  
    color:#989C2D  
}
```

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 #989C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989C2D
}
```

## Border

The CSS property to change the border of an element to Hex 989C2D 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
#989C2D }
```

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

```
.border{ border-color:#989C2D }
```

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

Here you see how a box with a 4 pixel #989C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989C2D; -webkit-box-shadow:4px 4px  
4px 4px #989C2D; box-shadow:4px 4px 4px  
4px #989C2D }
```

# Background

The CSS property to change the background color of an element to Hex 989C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989C2D }
```

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

```
.background{ background-color:#989C2D }
```

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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