

# Converting Colors

Hex(9C993B)

Have a look what the booklet for  
Hex(9C993B) contains.

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**Color**

**Hex(9C993B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C993B
RGB	156, 153, 59
RGB Percent	61%, 60%, 23%
CMY	0.3882, 0.4000, 0.7686
CMYK	0.00, 0.02, 0.62, 0.39
HSL	58°, 45%, 42%
HSV	58°, 62%, 61%
XYZ	25.8910, 30.1662, 8.5957
YIQ	143.1810, 31.9620, -28.5980

# Conversions

## Conversions Part 2

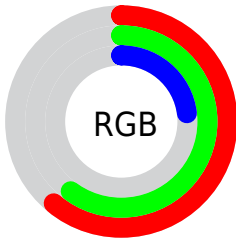
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 156, 59
Decimal	10262843
CIELab	61.80, -11.21, 48.34
CIELCh	62, 49.620, 103.060
Yxy	30.1662, 0.4005, 0.4666
Android (android.graphics.Color)	4288452923 (0xFF9C993B)
YUV	143.1810, -41.5012, 11.2423
Hunter-Lab	54.9237, -11.9719, 29.1675

# Details

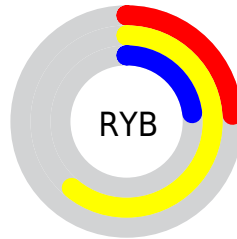
The Hex color **9C993B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B3E9C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **D5CF6E**, and **666600** is the 20% darker color. If you saturate the color by 10%, you get **9C992B**, and if you desaturate by 10%, it is **9C994B**.

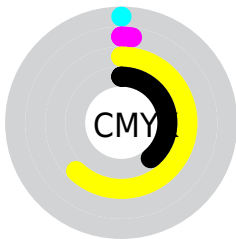
# Distribution



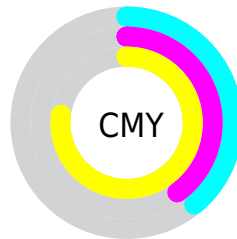
- Red (61%)
- Green (60%)
- Blue (23%)



- Red (24%)
- Yellow (61%)
- Blue (23%)



- Cyan (0%)
- Magenta (2%)
- Yellow (62%)
- Black (39%)



- Cyan (39%)
- Magenta (40%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C993B 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 9C993B by changing the saturation by 10% instead.





9C993B



9C993B

FFFFFF



817F21



D5CF6E



666600



F2EB89



4C4E00



FFFFA4



333800



FFFFC0



1A2200



FFFFDC



000C00



FFFFF9



000000



9C993B



9C993B



9C992B



9C994B

 9C981C

 9C9A5A

 9C980C

 9C9A6A

 9C9700

 9C9B79

 9C9B89

 9C9C99

 9C9CA8

 9C9DB8

 9C9DC7

# Harmonies

## Analogous

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



C38A3F



9C993B



6BA452

# Triad

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



9C993B



00A9D0



D973B0

# Complementary

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



9C993B



3B3E9C

# 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.



B182D6



9C993B



00A1E9

# Square

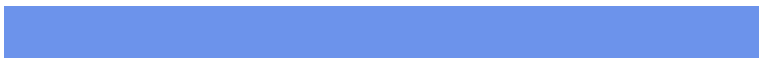
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9C993B



00ABA8



6C93EB



E76F84

# Rectangle

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



9C993B



3FA86C



6C93EB



CF77BE



# Sweetspot

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



9C993B



CCCBA5



9C3B3E



66654F



E6E6E6



666666



# Same Dimension

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



9C993B



CCC733



6F9C3B



4F4F47



8F8A00



0F0F00



# Inverse Universe

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



3B3E9C



3338CC



683B9C



47474F



00048F



00000F



# Previews

## White Background



This preview shows how the Hex color 9C993B looks on a white background.

## Color Contrast Check

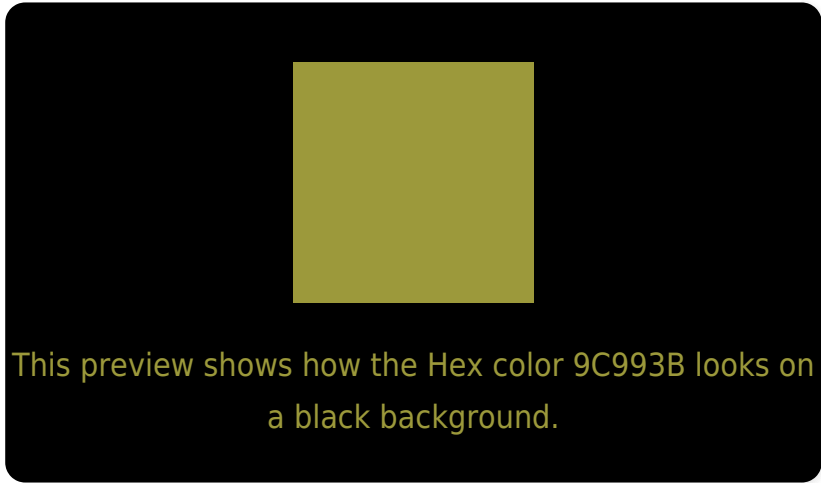
Large Text (above 18pt) WCAG AA × Fail

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 9C993B Background



This preview shows how black text looks on a background with the Hex color 9C993B.



This preview shows how white text looks on a background with the Hex color 9C993B.

# 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**  
9C993B

**Protanopia**  
A6953A

**Deuteranopia**  
B98E3E

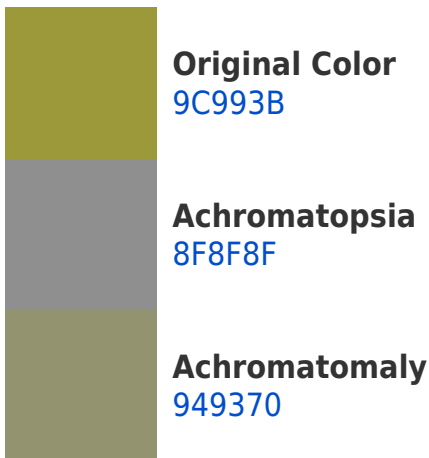


**Tritanopia**  
A58F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C993B 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 #9C993B looks like.

```
.text, #text, p{  
    color:#9C993B  
}
```

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 #9C993B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C993B
}
```

## Border

The CSS property to change the border of an element to Hex 9C993B 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
#9C993B }
```

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

```
.border{ border-color:#9C993B }
```

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

Here you see how a box with a 4 pixel #9C993B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C993B; -webkit-box-shadow:4px 4px  
4px 4px #9C993B; box-shadow:4px 4px 4px  
4px #9C993B }
```

# Background

The CSS property to change the background color of an element to Hex 9C993B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C993B }
```

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

```
.background{ background-color:#9C993B }
```

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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