

# Converting Colors

Hex(9B8533)

Have a look what the booklet for  
Hex(9B8533) contains.

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**Color**

**Hex(9B8533)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B8533
RGB	155, 133, 51
RGB Percent	61%, 52%, 20%
CMY	0.3922, 0.4784, 0.8000
CMYK	0.00, 0.14, 0.67, 0.39
HSL	47°, 50%, 40%
HSV	47°, 67%, 61%
XYZ	22.5026, 23.9826, 6.5751
YIQ	130.2300, 39.4340, -20.8380

# Conversions

## Conversions Part 2

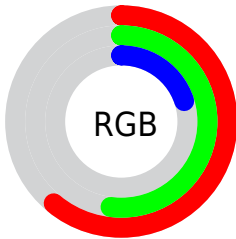
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 155, 51
Decimal	10192179
CIE <sub>Lab</sub>	56.07, -1.33, 45.79
CIE <sub>LCh</sub>	56, 45.814, 91.667
Yxy	23.9826, 0.4241, 0.4520
Android (android.graphics.Color)	4288382259 (0xFF9B8533)
YUV	130.2300, -39.0604, 21.7233
Hunter-Lab	48.9721, -3.6805, 26.3201

# Details

The Hex color **9B8533** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **33499B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D4BA65**, and **655400** is the 20% darker color. If you saturate the color by 10%, you get **9B8223**, and if you desaturate by 10%, it is **9B8843**.

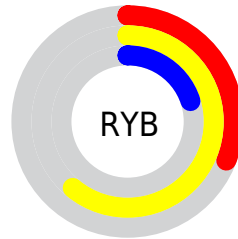
# Distribution



Red (61%)

Green (52%)

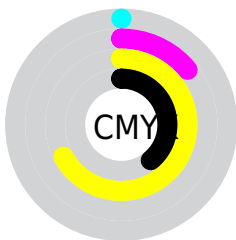
Blue (20%)



Red (31%)

Yellow (61%)

Blue (20%)

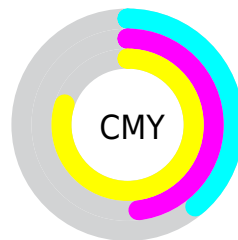


Cyan (0%)

Magenta (14%)

Yellow (67%)

Black (39%)



Cyan (39%)

Magenta (48%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B8533 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 9B8533 by changing the saturation by 10% instead.





9B8533



9B8533

FFFFFF



7F6C19



D4BA65



655400



F1D580



4B3D00



FFF29A



312700



FFFFB6



181300



FFFFD2



000000



FFFEE



9B8533



9B8533



9B8223



9B8843

■ 9B7E14

■ 9B8C52

■ 9B7B05

■ 9B8F62

■ 9B7A00

■ 9B9271

■ 9B9581

■ 9B9990

■ 9B9CA0

■ 9B9FAF

■ 9BA3BE

# Harmonies

## Analogous

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



BB7640



9B8533



72903F

# Triad

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



9B8533



0099AF



B96CAD

# Complementary

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



9B8533



33499B

# 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.



8B7BCA



9B8533



0094CC

# Square

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



9B8533



009A87



3C8AD6



CF6486

# Rectangle

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



9B8533



519553



3C8AD6



AD70B8



# Sweetspot

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



9B8533



C9C1A1



9B334A



66614E



E6E6E6



666666



# Same Dimension

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



9B8533



C9A726



7E9B33



4D4B45



8C6F00



0D0A00



# Inverse Universe

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



33499B



2649C9



50339B



45464D



001E8C



00030D



# Previews

## White Background



This preview shows how the Hex color 9B8533 looks on a white background.

## Color Contrast Check

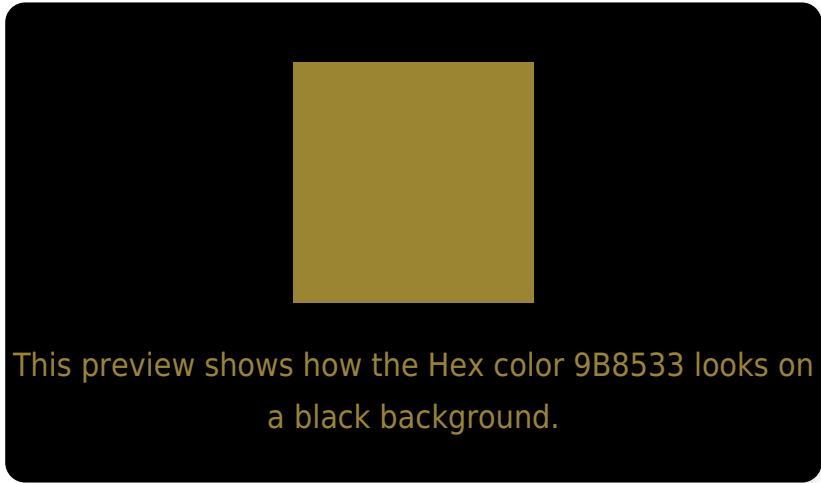
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B8533 Background



This preview shows how black text looks on a background with the Hex color 9B8533.



This preview shows how white text looks on a background with the Hex color 9B8533.

# 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**  
9B8533

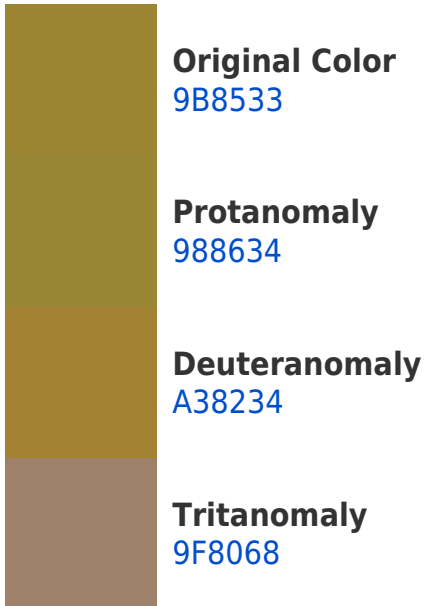
**Protanopia**  
968734

**Deuteranopia**  
A78035

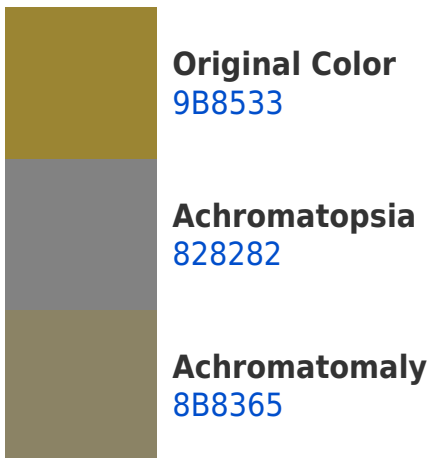


**Tritanopia**  
A27D86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B8533 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 #9B8533 looks like.

```
.text, #text, p{  
    color:#9B8533  
}
```

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 #9B8533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8533
}
```

## Border

The CSS property to change the border of an element to Hex 9B8533 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
#9B8533 }
```

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

```
.border{ border-color:#9B8533 }
```

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

Here you see how a box with a 4 pixel #9B8533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8533; -webkit-box-shadow:4px 4px  
4px 4px #9B8533; box-shadow:4px 4px 4px  
4px #9B8533 }
```

# Background

The CSS property to change the background color of an element to Hex 9B8533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8533 }
```

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

```
.background{ background-color:#9B8533 }
```

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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