

# Converting Colors

Hex(9B7832)

Have a look what the booklet for  
Hex(9B7832) contains.

<b>Hex(9B7832)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9B7832)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B7832
RGB	155, 120, 50
RGB Percent	61%, 47%, 20%
CMY	0.3922, 0.5294, 0.8039
CMYK	0.00, 0.23, 0.68, 0.39
HSL	40°, 51%, 40%
HSV	40°, 68%, 61%
XYZ	20.8098, 20.6318, 5.9032
YIQ	122.4850, 43.3300, -14.3500

# Conversions

## Conversions Part 2

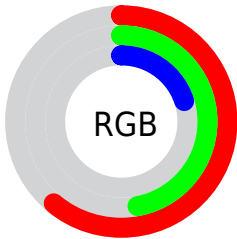
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 155, 50
Decimal	10188850
CIELab	52.54, 5.91, 42.48
CIELCh	53, 42.893, 82.084
Yxy	20.6318, 0.4395, 0.4358
Android (android.graphics.Color)	4288378930 (0xFF9B7832)
YUV	122.4850, -35.7351, 28.5157
Hunter-Lab	45.4222, 2.2892, 24.0901

# Details

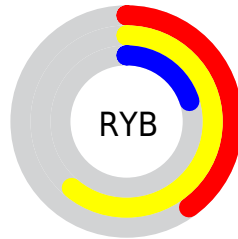
The Hex color **9B7832** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **32559B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D4AC64**, and **644800** is the 20% darker color. If you saturate the color by 10%, you get **9B7322**, and if you desaturate by 10%, it is **9B7D41**.

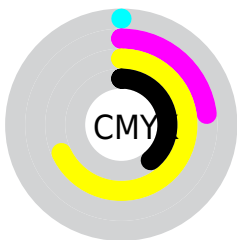
# Distribution



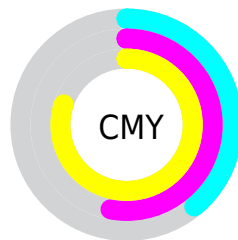
- Red (61%)
- Green (47%)
- Blue (20%)



- Red (40%)
- Yellow (61%)
- Blue (20%)



- Cyan (0%)
- Magenta (23%)
- Yellow (68%)
- Black (39%)



- Cyan (39%)
- Magenta (53%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B7832 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 9B7832 by changing the saturation by 10% instead.





9B7832



9B7832

FFFFFF



7F5F19



D4AC64



644800



F2C77D



4A3100



FFE398



301D00



FFFFB3



180400



FFFFCF



000000



FFF FEC



9B7832



9B7832



9B7322



9B7D41

■ 9B6E13

■ 9B8251

■ 9B6903

■ 9B8860

■ 9B6700

■ 9B8D70

■ 9B927F

■ 9B978F

■ 9B9C9E

■ 9BA1AE

■ 9BA7BD

# Harmonies

## Analogous

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



B56A44



9B7832



788436

# Triad

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



9B7832



009098



A169AB

# Complementary

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



9B7832



32559B

# 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.



7078C2



9B7832



008CB7

# Square

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



9B7832



008F72



0084C6



BC5F89

# Rectangle

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



9B7832



5C8944



0084C6



936EB4



# Sweetspot

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



9B7832



C9BCA1



9B3255



665E4E



E6E6E6



666666



# Same Dimension

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



9B7832



C99326



899B32



4D4A45



8C5E00



0D0900



# Inverse Universe

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



32559B



265DC9



43329B



45474D



002F8C



00040D



# Previews

## White Background



This preview shows how the Hex color 9B7832 looks on a white background.

## Color Contrast Check

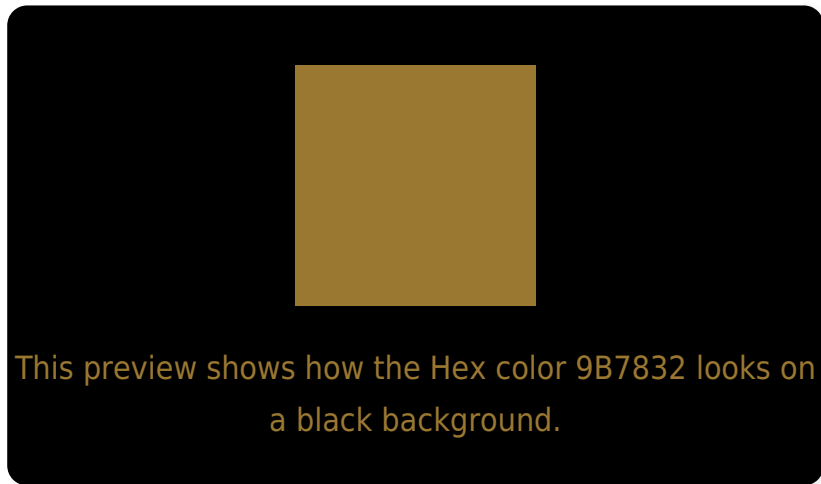
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B7832 Background



This preview shows how black text looks on a background with the Hex color 9B7832.



This preview shows how white text looks on a background with the Hex color 9B7832.

# 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**  
9B7832

**Protanopia**  
8C7E34

**Deuteranopia**  
9C7732



**Tritanopia**  
A07179

# Trichromacy



**Original Color**  
9B7832

**Protanomaly**  
917C33

**Deuteranomaly**  
9C7732

**Tritanomaly**  
9E745F

# Monochromacy



**Original Color**  
9B7832

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
867960

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B7832 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 #9B7832 looks like.

```
.text, #text, p{  
    color:#9B7832  
}
```

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 #9B7832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7832
}
```

## Border

The CSS property to change the border of an element to Hex 9B7832 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
#9B7832 }
```

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

```
.border{ border-color:#9B7832 }
```

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

Here you see how a box with a 4 pixel #9B7832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7832; -webkit-box-shadow:4px 4px  
4px 4px #9B7832; box-shadow:4px 4px 4px  
4px #9B7832 }
```

# Background

The CSS property to change the background color of an element to Hex 9B7832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7832 }
```

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

```
.background{ background-color:#9B7832 }
```

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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