

# Converting Colors

Hex(9B7432)

Have a look what the booklet for  
Hex(9B7432) contains.

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**Color**

**Hex(9B7432)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B7432
RGB	155, 116, 50
RGB Percent	61%, 45%, 20%
CMY	0.3922, 0.5451, 0.8039
CMYK	0.00, 0.25, 0.68, 0.39
HSL	38°, 51%, 40%
HSV	38°, 68%, 61%
XYZ	20.3387, 19.6896, 5.7461
YIQ	120.1370, 44.4300, -12.2580

# Conversions

## Conversions Part 2

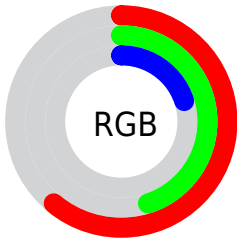
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	112, 155, 50
Decimal	10187826
CIE <sub>Lab</sub>	51.48, 8.18, 41.33
CIE <sub>LCh</sub>	51, 42.136, 78.802
Yxy	19.6896, 0.4443, 0.4301
Android (android.graphics.Color)	4288377906 (0xFF9B7432)
YUV	120.1370, -34.5775, 30.5749
Hunter-Lab	44.3730, 4.1640, 23.3833

# Details

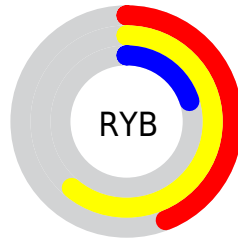
The Hex color **9B7432** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **32599B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D4A863**, and **644400** is the 20% darker color. If you saturate the color by 10%, you get **9B6E22**, and if you desaturate by 10%, it is **9B7A41**.

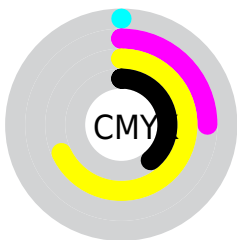
# Distribution



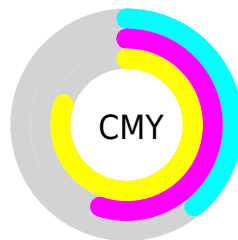
- Red (61%)
- Green (45%)
- Blue (20%)



- Red (44%)
- Yellow (61%)
- Blue (20%)



- Cyan (0%)
- Magenta (25%)
- Yellow (68%)
- Black (39%)



- Cyan (39%)
- Magenta (55%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B7432 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 9B7432 by changing the saturation by 10% instead.



 9B7432

 9B7432

FFFFFF

 7F5C1A

 D4A863

 644400

 F2C37D

 4A2E00

 FFDF97

 301900

 FFFBB3

 180000

 FFFFCE

 000000

 FFFFEB

 9B7432

 9B7432

 9B6E22

 9B7A41

■ 9B6813

■ 9B8051

■ 9B6303

■ 9B8560

■ 9B6100

■ 9B8B70

■ 9B917F

■ 9B978F

■ 9B9C9E

■ 9BA2AE

■ 9BA8BD

# Harmonies

## Analogous

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



B36746



9B7432



798033

# Triad

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



9B7432



008D91



9A68AA

# Complementary

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



9B7432



32599B

# 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.



6677BF



9B7432



008AB0

# Square

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



9B7432



008C6C



0082C1



B65D8A

# Rectangle

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



9B7432



5F8540



0082C1



8B6DB3



# Sweetspot

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



9B7432



C9BAA1



9B325A



665D4E



E6E6E6



666666



# Same Dimension

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



9B7432



C98D26



8F9B32



4D4A45



8C5800



0D0800



# Inverse Universe

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



32599B



2663C9



3E329B



45484D



00348C



00050D



# Previews

## White Background



This preview shows how the Hex color 9B7432 looks on a white background.

## Color Contrast Check

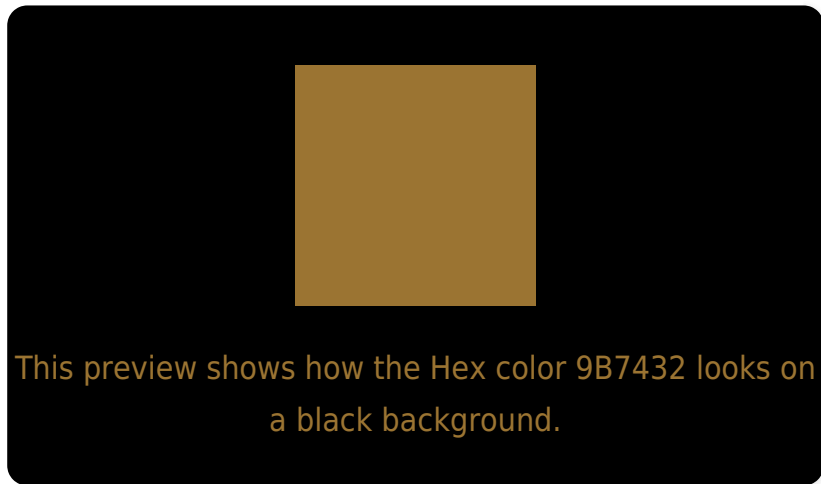
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B7432 Background



This preview shows how black text looks on a background with the Hex color 9B7432.



This preview shows how white text looks on a background with the Hex color 9B7432.

# 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**  
9B7432

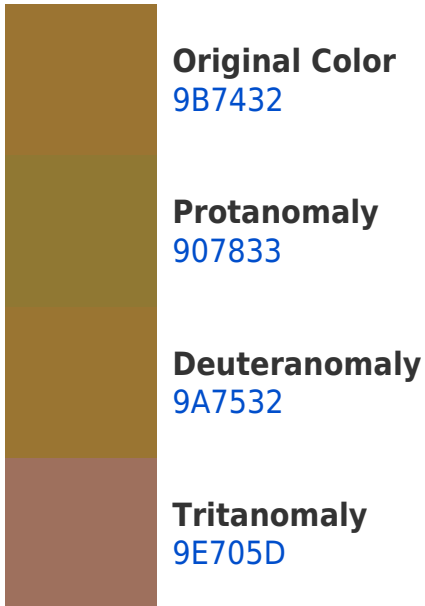
**Protanopia**  
897B34

**Deuteranopia**  
997532

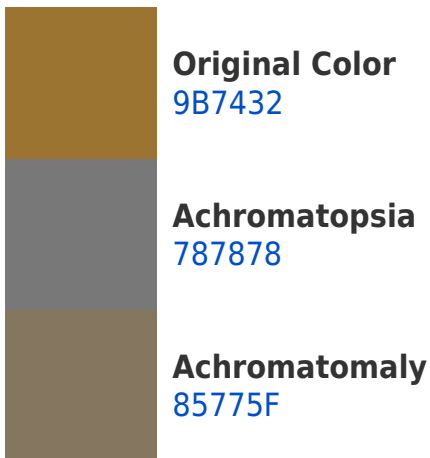


**Tritanopia**  
A06D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B7432 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 #9B7432 looks like.

```
.text, #text, p{  
  color:#9B7432  
}
```

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 #9B7432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7432
}
```

## Border

The CSS property to change the border of an element to Hex 9B7432 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
#9B7432 }
```

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

```
.border{ border-color:#9B7432 }
```

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

Here you see how a box with a 4 pixel #9B7432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7432; -webkit-box-shadow:4px 4px  
4px 4px #9B7432; box-shadow:4px 4px 4px  
4px #9B7432 }
```

# Background

The CSS property to change the background color of an element to Hex 9B7432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7432 }
```

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

```
.background{ background-color:#9B7432 }
```

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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