

# Converting Colors

Hex(917A4B)

Have a look what the booklet for  
Hex(917A4B) contains.

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**Color**

**Hex(917A4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	917A4B
RGB	145, 122, 75
RGB Percent	57%, 48%, 29%
CMY	0.4314, 0.5216, 0.7059
CMYK	0.00, 0.16, 0.48, 0.43
HSL	40°, 32%, 43%
HSV	40°, 48%, 57%
XYZ	19.9066, 20.4468, 9.5540
YIQ	123.5190, 28.7950, -9.7410

# Conversions

## Conversions Part 2

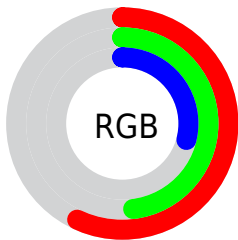
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 145, 75
Decimal	9534027
CIELab	52.34, 2.37, 28.95
CIELCh	52, 29.048, 85.324
Yxy	20.4468, 0.3989, 0.4097
Android (android.graphics.Color)	4287724107 (0xFF917A4B)
YUV	123.5190, -23.9199, 18.8388
Hunter-Lab	45.2181, -0.5499, 19.1254

# Details

The Hex color **917A4B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4B6291**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C8AE7D**, and **5D4A1D** is the 20% darker color. If you saturate the color by 10%, you get **91753D**, and if you desaturate by 10%, it is **917F5A**.

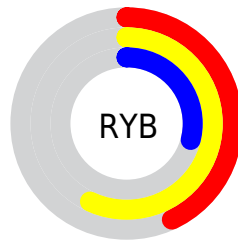
# Distribution



Red (57%)

Green (48%)

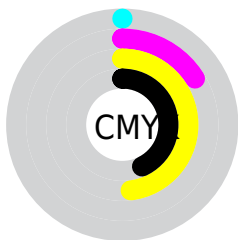
Blue (29%)



Red (43%)

Yellow (57%)

Blue (29%)

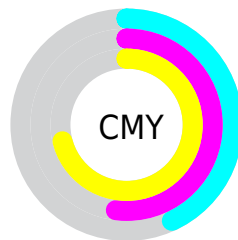


Cyan (0%)

Magenta (16%)

Yellow (48%)

Black (43%)



Cyan (43%)

Magenta (52%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 917A4B 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 917A4B by changing the saturation by 10% instead.





917A4B



917A4B

FFFFFF



766134



C8AE7D



5D4A1D



E5CA97



443306



FFE6B2



2C1E00



FFFPCD



120600



FFFPEA



000000



917A4B



917A4B



91753D



917F5A



91702E



918468

■ 916C1F

■ 918876

■ 916711

■ 918D85

■ 916202

■ 919293

■ 916100

■ 9197A2

■ 919BB1

■ 91A0BF

■ 91A5CE

# Harmonies

## Analogous

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



A47155



917A4B



78824F

# Triad

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



917A4B



1C8A91



996F9A

# Complementary

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



917A4B



4B6291

# 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.



7A78AA



917A4B



2987A5

# Square

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



917A4B



3A8A78



5380AE



AA6A82

# Rectangle

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



917A4B



658659



5380AE



9072A0



# Sweetspot

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



917A4B



BDB4A2



914B62



5E594E



DEDEDE



5E5E5E



# Same Dimension

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



917A4B



BD994F



85914B



474540



875B00



080500



# Inverse Universe

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



4B6291



4F73BD



574B91



404347



002C87

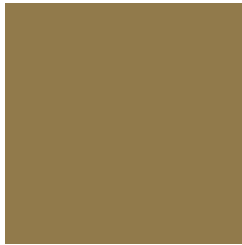


000308



# Previews

## White Background



This preview shows how the Hex color 917A4B looks on a white background.

## Color Contrast Check

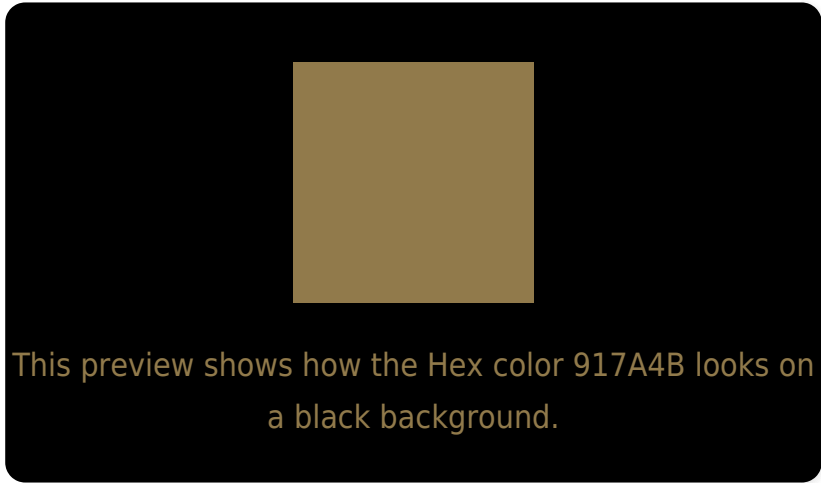
Large Text (above 18pt) WCAG AA ✓ Pass

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

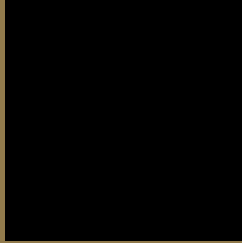
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 917A4B Background



This preview shows how black text looks on a background with the Hex color 917A4B.



This preview shows how white text looks on a background with the Hex color 917A4B.

# 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**  
917A4B

**Protanopia**  
897D4C

**Deuteranopia**  
98774C



**Tritanopia**  
96747D

# Trichromacy



**Original Color**  
917A4B

**Protanomaly**  
8C7C4C

**Deuteranomaly**  
95784C

**Tritanomaly**  
94766B

# Monochromacy



**Original Color**  
917A4B

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
847B6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 917A4B 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 #917A4B looks like.

```
.text, #text, p{  
    color:#917A4B  
}
```

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 #917A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #917A4B
}
```

## Border

The CSS property to change the border of an element to Hex 917A4B 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
#917A4B }
```

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

```
.border{ border-color:#917A4B }
```

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

Here you see how a box with a 4 pixel #917A4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #917A4B; -webkit-box-shadow:4px 4px  
4px 4px #917A4B; box-shadow:4px 4px 4px  
4px #917A4B }
```

# Background

The CSS property to change the background color of an element to Hex 917A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#917A4B }
```

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

```
.background{ background-color:#917A4B }
```

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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