

Converting Colors

Hex(947C4B)

Have a look what the booklet for
Hex(947C4B) contains.

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Color

Hex(947C4B)

Conversions

Conversions Part 1

Format	Color
Hex	947C4B
RGB	148, 124, 75
RGB Percent	58%, 49%, 29%
CMY	0.4196, 0.5137, 0.7059
CMYK	0.00, 0.16, 0.49, 0.42
HSL	40°, 33%, 44%
HSV	40°, 49%, 58%
XYZ	20.6904, 21.2192, 9.6618
YIQ	125.5900, 30.0330, -10.1510

Conversions

Conversions Part 2

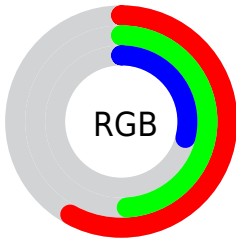
Format	Color
RYB	111, 148, 75
Decimal	9731147
CIELab	53.19, 2.55, 30.08
CIELCh	53, 30.192, 85.151
Yxy	21.2192, 0.4012, 0.4115
Android (android.graphics.Color)	4287921227 (0xFF947C4B)
YUV	125.5900, -24.9409, 19.6536
Hunter-Lab	46.0643, -0.4369, 19.8091

Details

The Hex color **947C4B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4B6394**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **CCB07D**, and **5F4B1D** is the 20% darker color. If you saturate the color by 10%, you get **94773C**, and if you desaturate by 10%, it is **94815A**.

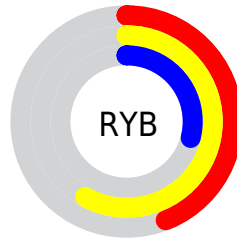
Distribution



Red (58%)

Green (49%)

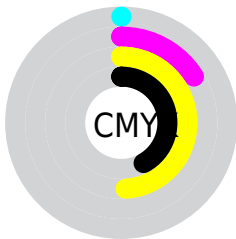
Blue (29%)



Red (44%)

Yellow (58%)

Blue (29%)

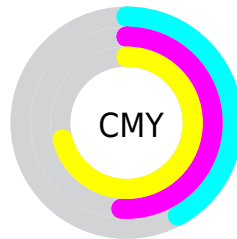


Cyan (0%)

Magenta (16%)

Yellow (49%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947C4B 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 947C4B by changing the saturation by 10% instead.



947C4B



947C4B

FFFFFF



796334



CCB07D



5F4B1D



E8CC97



463505



FFE8B2



2E2000



FFFFCD



150900



FFFFEA



000000



947C4B



947C4B



94773C



94815A



94722D



948669

■ 946D1F

■ 948B77

■ 946910

■ 948F86

■ 946401

■ 949495

■ 946300

■ 9499A4

■ 949EB3

■ 94A3C1

■ 94A8D0

Harmonies

Analogous

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



A87355



947C4B



7A844F

Triad

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



947C4B



148D94



9C719D

Complementary

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



947C4B



4B6394

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.



7C7AAE



947C4B



2489A9

Square

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



947C4B



398D7A



5283B2



AE6B84

Rectangle

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



947C4B



66885A



5283B2



9374A4

Sweetspot

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



947C4B



BFB6A3



944B63



615B4F



E0E0E0



616161

Same Dimension

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



947C4B



BF9A4E



88944B



4A4843



8A5C00



0A0700

Inverse Universe

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



4B6394



4E74BF



574B94



43454A



002D8A



00030A

Previews

White Background



This preview shows how the Hex color 947C4B looks on a white background.

Color Contrast Check

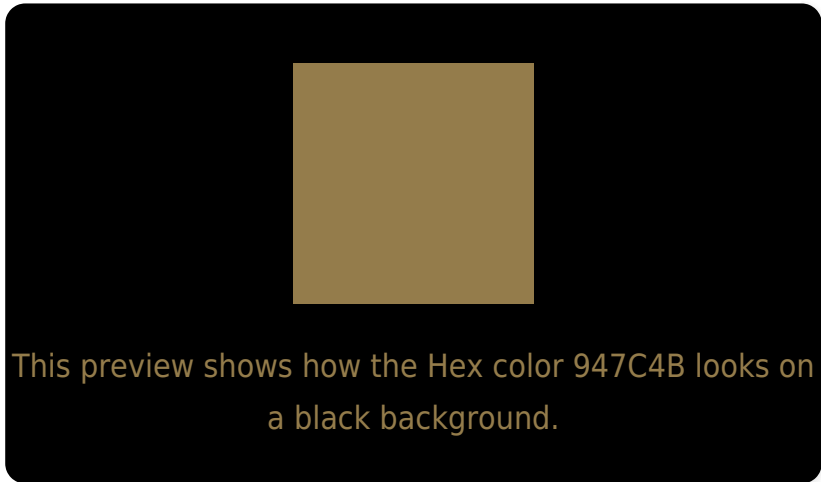
Large Text (above 18pt) WCAG AA ✓ Pass

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 947C4B Background



This preview shows how black text looks on a background with the Hex color 947C4B.



This preview shows how white text looks on a background with the Hex color 947C4B.

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
947C4B

Protanopia
8B7F4C

Deuteranopia
9A794C



Tritanopia
99767F

Trichromacy



Original Color
947C4B

Protanomaly
8E7E4C

Deuteranomaly
987A4C

Tritanomaly
97786C

Monochromacy



Original Color
947C4B

Achromatopsia
7E7E7E

Achromatomaly
867D6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 947C4B 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 #947C4B looks like.

```
.text, #text, p{  
    color:#947C4B  
}
```

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 #947C4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947C4B
}
```

Border

The CSS property to change the border of an element to Hex 947C4B 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
#947C4B }
```

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

```
.border{ border-color:#947C4B }
```

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

Here you see how a box with a 4 pixel #947C4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947C4B; -webkit-box-shadow:4px 4px  
4px 4px #947C4B; box-shadow:4px 4px 4px  
4px #947C4B }
```

Background

The CSS property to change the background color of an element to Hex 947C4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947C4B }
```

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

```
.background{ background-color:#947C4B }
```

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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