

# Converting Colors

Hex(947B52)

Have a look what the booklet for  
Hex(947B52) contains.

|  |    |
|--|----|
| <b>Hex(947B52)</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(947B52)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 947B52                     |
| RGB           | 148, 123, 82               |
| RGB Percent   | 58%, 48%, 32%              |
| CMY           | 0.4196, 0.5176, 0.6784     |
| CMYK          | 0.00, 0.17, 0.45, 0.42     |
| HSL           | 37°, 29%, 45%              |
| HSV           | 37°, 45%, 58%              |
| XYZ           | 20.8187, 21.0710, 10.9525  |
| YIQ           | 125.8010, 28.0610, -7.4510 |

# Conversions

## Conversions Part 2

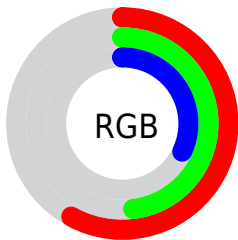
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 122, 148, 82                   |
| Decimal                             | 9730898                        |
| CIELab                              | 53.03, 3.87, 26.00             |
| CIElCh                              | 53, 26.285, 81.537             |
| Yxy                                 | 21.0710, 0.3940,<br>0.3988     |
| Android<br>(android.graphics.Color) | 4287920978<br>(0xFF947B52)     |
| YUV                                 | 125.8010, -21.5939,<br>19.4685 |
| Hunter-Lab                          | 45.9032, 0.6254,<br>17.9856    |

# Details

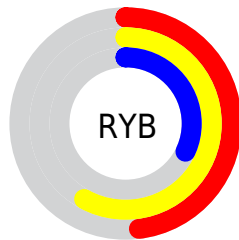
The Hex color **947B52** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **526B94**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **CBAF84**, and **604A24** is the 20% darker color. If you saturate the color by 10%, you get **947543**, and if you desaturate by 10%, it is **948161**.

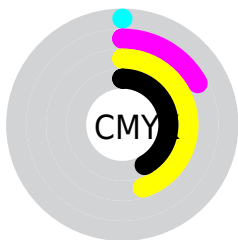
# Distribution



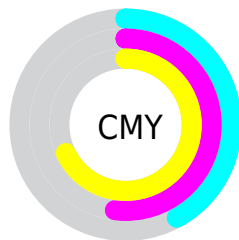
- Red (58%)
- Green (48%)
- Blue (32%)



- Red (48%)
- Yellow (58%)
- Blue (32%)



- Cyan (0%)
- Magenta (17%)
- Yellow (45%)
- Black (42%)



- Cyan (42%)
- Magenta (52%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 947B52 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 947B52 by changing the saturation by 10% instead.





947B52



947B52

FFFFFF



79623A



CBAF84



604A24



E8CB9E



47340E



FFE7B9



2F1F00



FFFFD5



160800



FFFFF2



000000



947B52



947B52



947543



948161



947034



948670

■ 946A26

■ 948C7E

■ 946517

■ 94918D

■ 945F08

■ 94979C

■ 945C00

■ 949DAB

■ 94A2BA

■ 94A8C8

■ 94ADD7

# Harmonies

## Analogous

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



A4735C



947B52



7D8254

# Triad

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



947B52



338B8E



95739B

# Complementary

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



947B52



526B94

# 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.



797BA8



947B52



3888A1

# Square

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



947B52



498B77



5683AB



A76E86

# Rectangle

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



947B52



6C865C



5683AB



8D76A1



# Sweetspot

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



947B52



BFB6A6



94526B



615B51



E0E0E0



616161



# Same Dimension

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



947B52



BF9858



8C9452



4A4743



8A5600



0A0600



# Inverse Universe

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



526B94



587FBF



5A5294



43454A



00348A



00040A



# Previews

## White Background



This preview shows how the Hex color 947B52 looks on a white background.

## Color Contrast Check

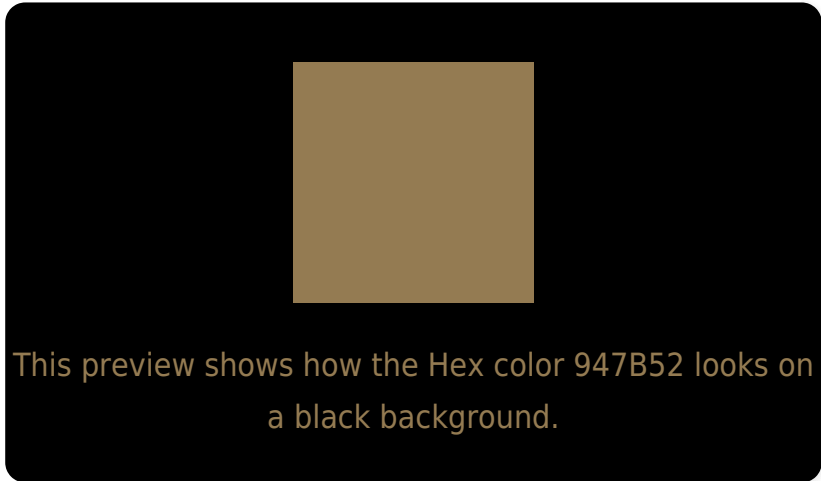
Large Text (above 18pt) WCAG AA ✓ Pass

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

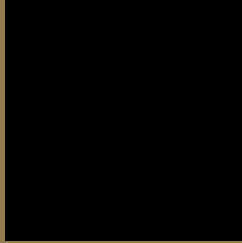
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 947B52 Background



This preview shows how black text looks on a background with the Hex color 947B52.



This preview shows how white text looks on a background with the Hex color 947B52.

# 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**  
947B52

**Protanopia**  
8A7F53

**Deuteranopia**  
987952



**Tritanopia**  
98757E

# Trichromacy



**Original Color**  
947B52

**Protanomaly**  
8E7E53

**Deuteranomaly**  
977A52

**Tritanomaly**  
97776E

# Monochromacy



**Original Color**  
947B52

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
867D6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 947B52 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 #947B52 looks like.

```
.text, #text, p{  
    color:#947B52  
}
```

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 #947B52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947B52
}
```

## Border

The CSS property to change the border of an element to Hex 947B52 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
#947B52 }
```

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

```
.border{ border-color:#947B52 }
```

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

Here you see how a box with a 4 pixel #947B52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947B52; -webkit-box-shadow:4px 4px  
4px 4px #947B52; box-shadow:4px 4px 4px  
4px #947B52 }
```

# Background

The CSS property to change the background color of an element to Hex 947B52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947B52 }
```

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

```
.background{ background-color:#947B52 }
```

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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