

# Converting Colors

Hex(947C52)

Have a look what the booklet for  
Hex(947C52) contains.

<b>Hex(947C52)</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(947C52)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	947C52
RGB	148, 124, 82
RGB Percent	58%, 49%, 32%
CMY	0.4196, 0.5137, 0.6784
CMYK	0.00, 0.16, 0.45, 0.42
HSL	38°, 29%, 45%
HSV	38°, 45%, 58%
XYZ	20.9434, 21.3204, 10.9941
YIQ	126.3880, 27.7860, -7.9740

# Conversions

## Conversions Part 2

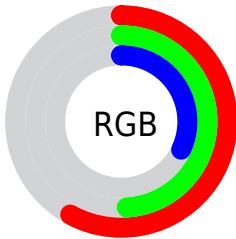
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 148, 82
Decimal	9731154
CIELab	53.30, 3.30, 26.35
CIELCh	53, 26.554, 82.862
Yxy	21.3204, 0.3932, 0.4003
Android (android.graphics.Color)	4287921234 (0xFF947C52)
YUV	126.3880, -21.8833, 18.9537
Hunter-Lab	46.1740, 0.1586, 18.2048

# Details

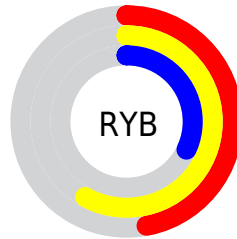
The Hex color **947C52** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **526A94**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CBB084**, and **604B24** is the 20% darker color. If you saturate the color by 10%, you get **947743**, and if you desaturate by 10%, it is **948161**.

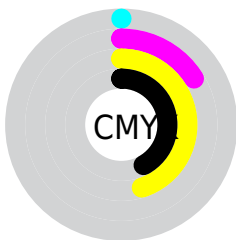
# Distribution



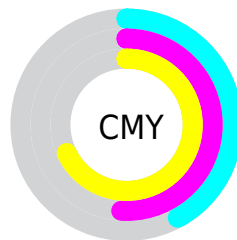
- Red (58%)
- Green (49%)
- Blue (32%)



- Red (47%)
- Yellow (58%)
- Blue (32%)



- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 947C52 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 947C52 by changing the saturation by 10% instead.



 947C52

 947C52

FFFFFF

 79633A

 CBB084

 604B24

 E8CC9E

 47350E

 FFE8B9

 2F2000

 FFFFD5

 160900

 FFFFF2

 000000

 947C52

 947C52

 947743

 948161

 947134

 948770

 946C26

 948C7E

 946617

 94928D

 946108

 94979C

 945E00

 949CAB

 94A2BA

 94A7C8

 94ACD7

# Harmonies

## Analogous

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



A5745C



947C52



7D8355

# Triad

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



947C52



328C90



97739B

# Complementary

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



947C52



526A94

# 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.



7B7BA9



947C52



3889A3

# Square

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



947C52



478B79



5883AC



A86E86

# Rectangle

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



947C52



6C875D



5883AC



8F76A1



# Sweetspot

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



947C52



BFB6A6



94526A



615B51



E0E0E0



616161



# Same Dimension

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



947C52



BF9A58



8B9452



4A4743



8A5800



0A0600



# Inverse Universe

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



526A94



587EBF



5B5294



43454A



00328A



00040A



# Previews

## White Background



This preview shows how the Hex color 947C52 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 947C52 Background



This preview shows how black text looks on a background with the Hex color 947C52.



This preview shows how white text looks on a background with the Hex color 947C52.

# 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**  
947C52

**Protanopia**  
8A7F53

**Deuteranopia**  
997A52



**Tritanopia**  
98767F

# Trichromacy



**Original Color**  
947C52

**Protanomaly**  
8E7E53

**Deuteranomaly**  
977B52

**Tritanomaly**  
97786F

# Monochromacy



**Original Color**  
947C52

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
867D6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 947C52 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 #947C52 looks like.

```
.text, #text, p{  
    color:#947C52  
}
```

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 #947C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947C52
}
```

## Border

The CSS property to change the border of an element to Hex 947C52 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
#947C52 }
```

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

```
.border{ border-color:#947C52 }
```

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

Here you see how a box with a 4 pixel #947C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947C52; -webkit-box-shadow:4px 4px  
4px 4px #947C52; box-shadow:4px 4px 4px  
4px #947C52 }
```

# Background

The CSS property to change the background color of an element to Hex 947C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947C52 }
```

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

```
.background{ background-color:#947C52 }
```

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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