

Converting Colors

Hex(947F6C)

Have a look what the booklet for
Hex(947F6C) contains.

Hex(947F6C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(947F6C)

Conversions

Conversions Part 1

Format	Color
Hex	947F6C
RGB	148, 127, 108
RGB Percent	58%, 50%, 42%
CMY	0.4196, 0.5020, 0.5765
CMYK	0.00, 0.14, 0.27, 0.42
HSL	28°, 16%, 50%
HSV	28°, 27%, 58%
XYZ	22.5089, 22.5574, 17.3550
YIQ	131.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

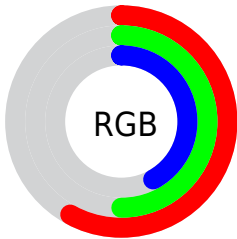
Format	Color
R_{YB}	148, 144, 108
Decimal	9731948
CIE _{Lab}	54.61, 4.98, 13.31
CIE _{LCh}	55, 14.208, 69.500
Yxy	22.5574, 0.3606, 0.3614
Android (android.graphics.Color)	4287922028 (0xFF947F6C)
YUV	131.1130, -11.3947, 14.8099
Hunter-Lab	47.4946, 1.4802, 11.5810

Details

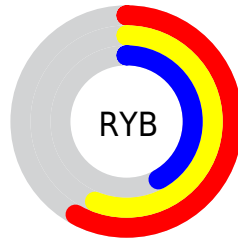
The Hex color **947F6C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **6C8194**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **CBB49F**, and **614E3D** is the 20% darker color. If you saturate the color by 10%, you get **94775D**, and if you desaturate by 10%, it is **94877B**.

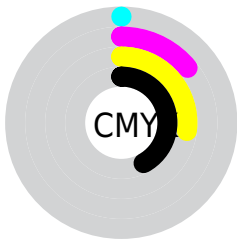
Distribution



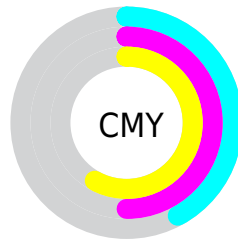
- Red (58%)
- Green (50%)
- Blue (42%)



- Red (58%)
- Yellow (56%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (42%)



- Cyan (42%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947F6C 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 947F6C by changing the saturation by 10% instead.

 947F6C

 947F6C

FFFFFF

 7A6654

 CBB49F

 614E3D

 E7CFBA

 483727

 FFEBD6

 312212

 FFFFF3

 1C0C00

 000000

 947F6C

 947F6C

 94775D

 94877B

 946F4E

 948F8A

■ 946840

■ 949698

■ 946031

■ 949EA7

■ 945822

■ 94A6B6

■ 945013

■ 94AEC5

■ 944904

■ 94B5D4

■ 944600

■ 94BDE2

■ 94C5F1

Harmonies

Analogous

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



9B7C74



947F6C



88836A

Triad

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



947F6C



648A86



8A7E96

Complementary

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



947F6C



6C8194

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.



7A829B



947F6C



638992

Square

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



947F6C



6D897A



6B8699



967B8C

Rectangle

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



947F6C



7F866D



6B8699



858098

Sweetspot

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



947F6C



BFB7B0



946C81



615C57



E0E0E0



616161

Same Dimension

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



947F6C



BF9F82



94936C



4A4643



8A4100



0A0500

Inverse Universe

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



6C8194



82A2BF



6C6D94



43464A



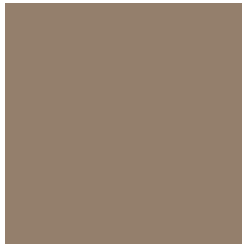
00488A



00050A

Previews

White Background



This preview shows how the Hex color 947F6C 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

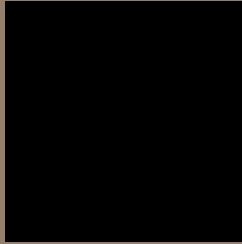
Any Text WCAG AA ✓ Pass

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 947F6C Background



This preview shows how black text looks on a background with the Hex color 947F6C.



This preview shows how white text looks on a background with the Hex color 947F6C.

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
947F6C

Protanopia
8A826E

Deuteranopia
977E6C



Tritanopia
977B85

Trichromacy



Original Color
947F6C

Protanomaly
8E816D

Deuteranomaly
967E6C

Tritanomaly
967C7C

Monochromacy



Original Color
947F6C

Achromatopsia
838383

Achromatomaly
89827B

CSS Examples

Text

The CSS property to change the color of the text to Hex 947F6C 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 #947F6C looks like.

```
.text, #text, p{  
    color:#947F6C  
}
```

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 #947F6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947F6C
}
```

Border

The CSS property to change the border of an element to Hex 947F6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

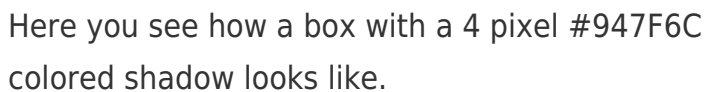
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#947F6C }
```

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

```
.border{ border-color:#947F6C }
```

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



Here you see how a box with a 4 pixel #947F6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947F6C; -webkit-box-shadow:4px 4px  
4px 4px #947F6C; box-shadow:4px 4px 4px  
4px #947F6C }
```

Background

The CSS property to change the background color of an element to Hex 947F6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947F6C }
```

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

```
.background{ background-color:#947F6C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor