

Converting Colors

Hex(9C7568)

Have a look what the booklet for
Hex(9C7568) contains.

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Color

Hex(9C7568)

Conversions

Conversions Part 1

Format	Color
Hex	9C7568
RGB	156, 117, 104
RGB Percent	61%, 46%, 41%
CMY	0.3882, 0.5412, 0.5922
CMYK	0.00, 0.25, 0.33, 0.39
HSL	15°, 21%, 51%
HSV	15°, 33%, 61%
XYZ	22.5703, 20.7900, 15.9200
YIQ	127.1790, 27.4170, 4.2250

Conversions

Conversions Part 2

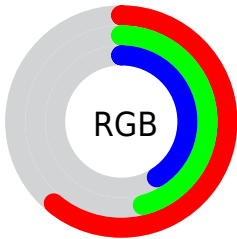
Format	Color
R _Y B	156, 121, 104
Decimal	10253672
CIE Lab	52.72, 13.42, 13.12
CIE LCh	53, 18.768, 44.339
Yxy	20.7900, 0.3807, 0.3507
Android (android.graphics.Color)	4288443752 (0xFF9C7568)
YUV	127.1790, -11.4272, 25.2760
Hunter-Lab	45.5960, 8.5654, 11.2159

Details

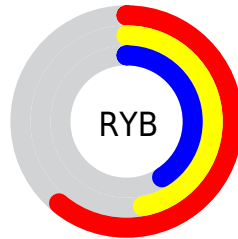
The Hex color **9C7568** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **688F9C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D4A99B**, and **674539** is the 20% darker color. If you saturate the color by 10%, you get **9C6958**, and if you desaturate by 10%, it is **9C8178**.

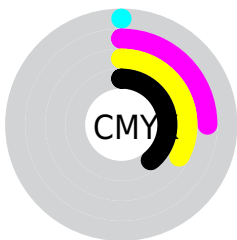
Distribution



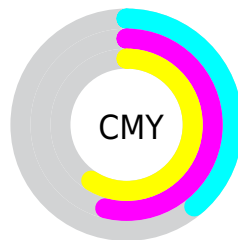
- Red (61%)
- Green (46%)
- Blue (41%)



- Red (61%)
- Yellow (47%)
- Blue (41%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (39%)



- Cyan (39%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C7568 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 9C7568 by changing the saturation by 10% instead.



9C7568



9C7568

FFFFFF



815C50



D4A99B



674539



F0C4B6



4E2E23



FFE0D2



36190E



FFFDEE



210000



000000



9C7568



9C7568



9C6958



9C8178



9C5E49



9C8C87

 9C5239

 9C9897

 9C462A

 9CA4A6

 9C3A1A

 9CB0B6

 9C2F0A

 9CBBC6

 9C2700

 9CC7D5

 9CD3E5

 9CDEF4

Harmonies

Analogous

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



9F7277



9C7568



927A5F

Triad

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



9C7568



5E8675



757D9D

Complementary

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



9C7568



688F9C

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.



5F829C



9C7568



518785

Square

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



9C7568



708466



518594



8A7795

Rectangle

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



9C7568



877E5E



518594



6E7E9E

Sweetspot

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



9C7568



CCBDB8



9C688F



665D5A



E6E6E6



666666

Same Dimension

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



9C7568



CC8F7A



9C8E68



4F4947



8F2400



0F0400

Inverse Universe

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



688F9C



7AB8CC



68759C



474D4F



006B8F



000B0F

Previews

White Background



This preview shows how the Hex color 9C7568 looks on a white background.

Color Contrast Check

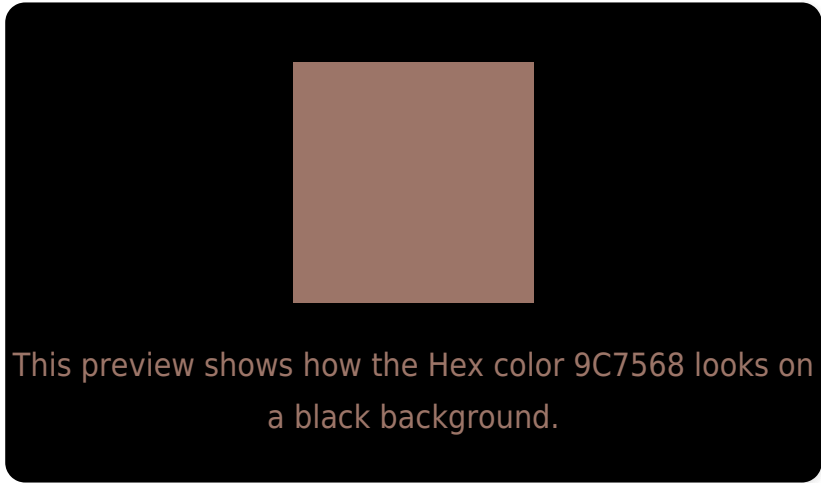
Large Text (above 18pt) WCAG AA ✓ Pass

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

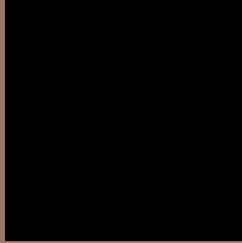
Any Text WCAG AA ✓ Pass

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 9C7568 Background



This preview shows how black text looks on a background with the Hex color 9C7568.



This preview shows how white text looks on a background with the Hex color 9C7568.

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
9C7568

Protanopia
847E6C

Deuteranopia
927967



Tritanopia
9E727B

Trichromacy



Original Color
9C7568

Protanomaly
8D7B6B

Deuteranomaly
967867

Tritanomaly
9D7374

Monochromacy



Original Color
9C7568

Achromatopsia
7F7F7F

Achromatomaly
8A7B77

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C7568 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 #9C7568 looks like.

```
.text, #text, p{  
    color:#9C7568  
}
```

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 #9C7568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7568
}
```

Border

The CSS property to change the border of an element to Hex 9C7568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

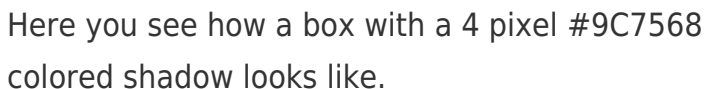
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C7568 }
```

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

```
.border{ border-color:#9C7568 }
```

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



Here you see how a box with a 4 pixel #9C7568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7568; -webkit-box-shadow:4px 4px  
4px 4px #9C7568; box-shadow:4px 4px 4px  
4px #9C7568 }
```

Background

The CSS property to change the background color of an element to Hex 9C7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7568 }
```

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

```
.background{ background-color:#9C7568 }
```

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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