

Converting Colors

Hex(9C7658)

Have a look what the booklet for
Hex(9C7658) contains.

Hex(9C7658)	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(9C7658)

Conversions

Conversions Part 1

Format	Color
Hex	9C7658
RGB	156, 118, 88
RGB Percent	61%, 46%, 35%
CMY	0.3882, 0.5373, 0.6549
CMYK	0.00, 0.24, 0.44, 0.39
HSL	26°, 28%, 48%
HSV	26°, 44%, 61%
XYZ	21.9502, 20.7294, 12.0768
YIQ	125.9420, 32.2780, -1.2740

Conversions

Conversions Part 2

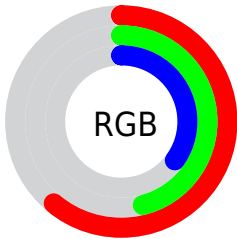
Format	Color
RYB	156, 142, 88
Decimal	10253912
CIELab	52.65, 10.85, 22.27
CIELCh	53, 24.774, 64.028
Yxy	20.7294, 0.4009, 0.3786
Android (android.graphics.Color)	4288443992 (0xFF9C7658)
YUV	125.9420, -18.7054, 26.3609
Hunter-Lab	45.5295, 6.3798, 16.1439

Details

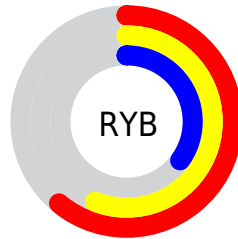
The Hex color **9C7658** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **587E9C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D4AA8A**, and **67462A** is the 20% darker color. If you saturate the color by 10%, you get **9C6D48**, and if you desaturate by 10%, it is **9C7F68**.

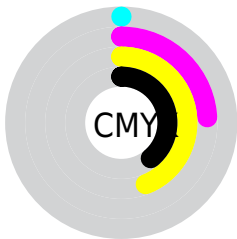
Distribution



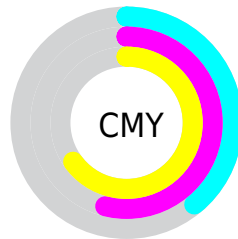
- Red (61%)
- Green (46%)
- Blue (35%)



- Red (61%)
- Yellow (56%)
- Blue (35%)



- Cyan (0%)
- Magenta (24%)
- Yellow (44%)
- Black (39%)



- Cyan (39%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C7658 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 9C7658 by changing the saturation by 10% instead.



9C7658



9C7658

FFFFFF



815D40



D4AA8A



67462A



F1C5A5



4D2F15



FFE1C0



361A00



FFFEDC



1E0100



FFFFFF8



000000



9C7658



9C7658



9C6D48



9C7F68



9C6539



9C8777

 9C5C29

 9C9087

 9C531A

 9C9996

 9C4A0A

 9CA2A6

 9C4500

 9CAAB6

 9CB3C5

 9CBCD5

 9CC4E4

Harmonies

Analogous

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



A77067



9C7658



8A7D53

Triad

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



9C7658



428980



8477A1

Complementary

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



9C7658



587E9C

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.



667FA8



9C7658



388895

Square

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



9C7658



5A886A



4785A3



9B7191

Rectangle

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



9C7658



7B8256



4785A3



7B7AA4

Sweetspot

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



9C7658



CCBDB1



9C587F



665D56



E6E6E6



666666

Same Dimension

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



9C7658



CC9162



9C9758



4F4B47



8F3F00



0F0700

Inverse Universe

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



587E9C



629DCC



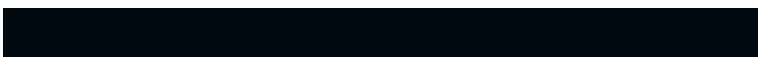
585D9C



474C4F



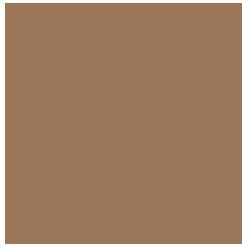
00508F



00090F

Previews

White Background



This preview shows how the Hex color 9C7658 looks on a white background.

Color Contrast Check

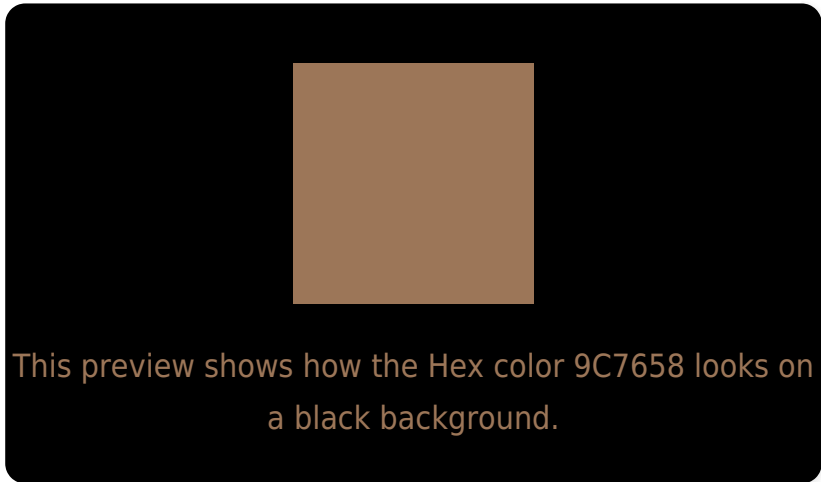
Large Text (above 18pt) WCAG AA ✓ Pass

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

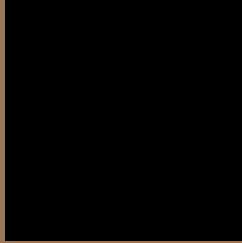
Any Text WCAG AA ✓ Pass

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 9C7658 Background



This preview shows how black text looks on a background with the Hex color 9C7658.



This preview shows how white text looks on a background with the Hex color 9C7658.

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
9C7658

Protanopia
877E5B

Deuteranopia
967957



Tritanopia
9F717A

Trichromacy



Original Color
9C7658

Protanomaly
8F7B5A

Deuteranomaly
987857

Tritanomaly
9E736E

Monochromacy



Original Color
9C7658

Achromatopsia
7E7E7E

Achromatomaly
897B70

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C7658 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 #9C7658 looks like.

```
.text, #text, p{  
    color:#9C7658  
}
```

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 #9C7658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7658  
}
```

Border

The CSS property to change the border of an element to Hex 9C7658 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  
#9C7658 }
```

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

```
.border{ border-color:#9C7658 }
```

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

Here you see how a box with a 4 pixel #9C7658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7658; -webkit-box-shadow:4px 4px  
4px 4px #9C7658; box-shadow:4px 4px 4px  
4px #9C7658 }
```

Background

The CSS property to change the background color of an element to Hex 9C7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7658 }
```

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

```
.background{ background-color:#9C7658 }
```

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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