

Converting Colors

Hex(9A7768)

Have a look what the booklet for
Hex(9A7768) contains.

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Color

Hex(9A7768)

Conversions

Conversions Part 1

Format	Color
Hex	9A7768
RGB	154, 119, 104
RGB Percent	60%, 47%, 41%
CMY	0.3961, 0.5333, 0.5922
CMYK	0.00, 0.23, 0.32, 0.40
HSL	18°, 20%, 51%
HSV	18°, 32%, 60%
XYZ	22.4219, 21.0632, 15.9805
YIQ	127.7550, 25.6750, 2.7550

Conversions

Conversions Part 2

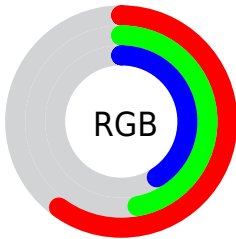
Format	Color
RYB	154, 125, 104
Decimal	10123112
CIELab	53.02, 11.45, 13.50
CIElCh	53, 17.703, 49.694
Yxy	21.0632, 0.3771, 0.3542
Android (android.graphics.Color)	4288313192 (0xFF9A7768)
YUV	127.7550, -11.7112, 23.0169
Hunter-Lab	45.8946, 6.8911, 11.4814

Details

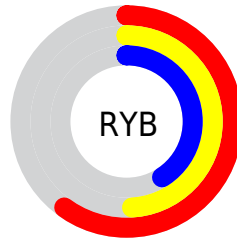
The Hex color **9A7768** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **688B9A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D1AB9B**, and **664739** is the 20% darker color. If you saturate the color by 10%, you get **9A6C59**, and if you desaturate by 10%, it is **9A8277**.

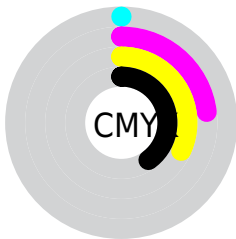
Distribution



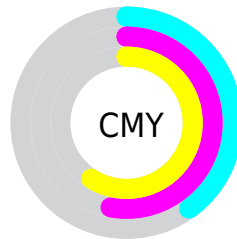
- Red (60%)
- Green (47%)
- Blue (41%)



- Red (60%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (23%)
- Yellow (32%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A7768 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 9A7768 by changing the saturation by 10% instead.



9A7768



9A7768

FFFFFF



7F5E50



D1AB9B



664739



EEC7B6



4D3023



FFE3D2



351B0E



FFFEE



200200



000000



9A7768



9A7768



9A6C59



9A8277



9A6149



9A8D87

 9A573A

 9A9796

 9A4C2A

 9AA2A6

 9A411B

 9AADB5

 9A360C

 9AB8C4

 9A2E00

 9AC2D4

 9ACDE3

 9AD8F3

Harmonies

Analogous

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



9E7475



9A7768



8F7C61

Triad

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



9A7768



5E8779



7A7D9B

Complementary

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



9A7768



688B9A

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.



66829C



9A7768



548788

Square

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



9A7768



6E856B



578595



8D7792

Rectangle

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



9A7768



857F61



578595



737E9C

Sweetspot

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



9A7768



C9BBB5



9A688B



665D5A



E6E6E6



666666

Same Dimension

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



9A7768



C9927B



9A9068



4D4745



8C2A00



0D0400

Inverse Universe

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



688B9A



7BB2C9



68729A



454A4D



00628C



00090D

Previews

White Background



This preview shows how the Hex color 9A7768 looks on a white background.

Color Contrast Check

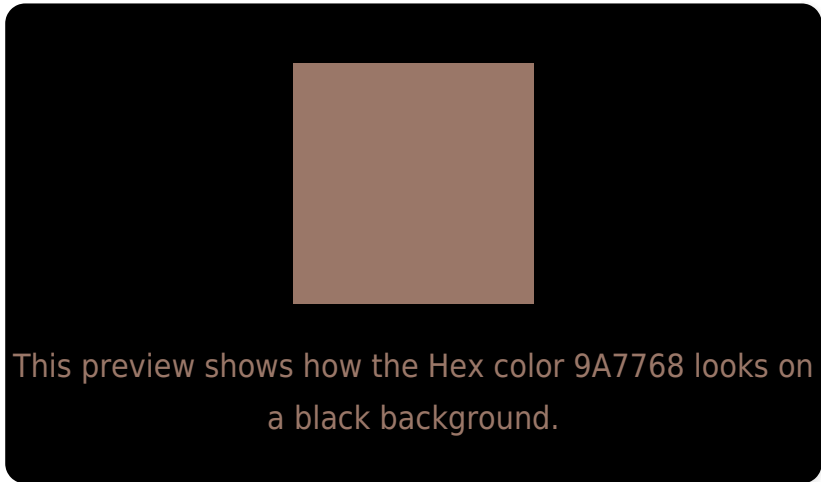
Large Text (above 18pt) WCAG AA ✓ Pass

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

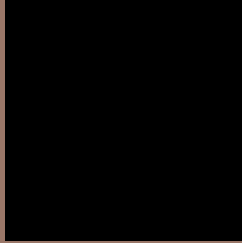
Any Text WCAG AA ✓ Pass

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 9A7768 Background



This preview shows how black text looks on a background with the Hex color 9A7768.



This preview shows how white text looks on a background with the Hex color 9A7768.

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
9A7768

Protanopia
857E6C

Deuteranopia
937A67



Tritanopia
9C747D

Trichromacy



Original Color
9A7768

Protanomaly
8D7B6B

Deuteranomaly
967967

Tritanomaly
9B7575

Monochromacy



Original Color
9A7768

Achromatopsia
808080

Achromatomaly
897D77

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A7768 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 #9A7768 looks like.

```
.text, #text, p{  
    color:#9A7768  
}
```

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 #9A7768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7768
}
```

Border

The CSS property to change the border of an element to Hex 9A7768 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
#9A7768 }
```

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

```
.border{ border-color:#9A7768 }
```

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

Here you see how a box with a 4 pixel #9A7768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7768; -webkit-box-shadow:4px 4px  
4px 4px #9A7768; box-shadow:4px 4px 4px  
4px #9A7768 }
```

Background

The CSS property to change the background color of an element to Hex 9A7768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7768 }
```

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

```
.background{ background-color:#9A7768 }
```

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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