

Converting Colors

Hex(9D7A5E)

Have a look what the booklet for
Hex(9D7A5E) contains.

Hex(9D7A5E)	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(9D7A5E)

Conversions

Conversions Part 1

Format	Color
Hex	9D7A5E
RGB	157, 122, 94
RGB Percent	62%, 48%, 37%
CMY	0.3843, 0.5216, 0.6314
CMYK	0.00, 0.22, 0.40, 0.38
HSL	27°, 25%, 49%
HSV	27°, 40%, 62%
XYZ	22.8845, 21.8953, 13.6097
YIQ	129.2730, 29.8480, -1.2880

Conversions

Conversions Part 2

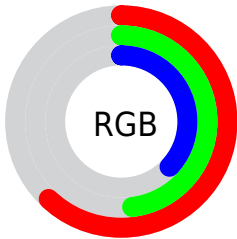
Format	Color
RYB	157, 144, 94
Decimal	10320478
CIELab	53.92, 9.69, 20.55
CIElCh	54, 22.718, 64.740
Yxy	21.8953, 0.3919, 0.3750
Android (android.graphics.Color)	4288510558 (0xFF9D7A5E)
YUV	129.2730, -17.3896, 24.3166
Hunter-Lab	46.7924, 5.4113, 15.5100

Details

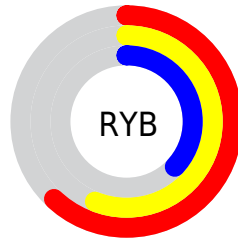
The Hex color **9D7A5E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5E819D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D5AE91**, and **684930** is the 20% darker color. If you saturate the color by 10%, you get **9D714E**, and if you desaturate by 10%, it is **9D836E**.

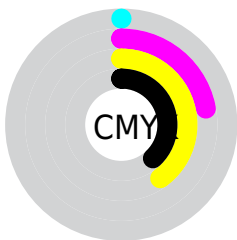
Distribution



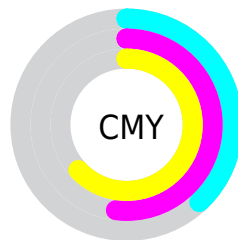
- Red (62%)
- Green (48%)
- Blue (37%)



- Red (62%)
- Yellow (56%)
- Blue (37%)



- Cyan (0%)
- Magenta (22%)
- Yellow (40%)
- Black (38%)



- Cyan (38%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D7A5E 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 9D7A5E by changing the saturation by 10% instead.

 9D7A5E

 9D7A5E

FFFFFF

 826146

 D5AE91

 684930

 F2CAAB

 4F331A

 FFE6C7

 371E01

 FFFFE3

 200600

 000000

 9D7A5E

 9D7A5E

 9D714E

 9D836E

 9D693F

 9D8B7D

 9D602F

 9D948D

 9D571F

 9D9D9D

 9D4E0F

 9DA6AD

 9D4600

 9DAEBC

 9DB7CC

 9DC0DC

 9DC9EB

Harmonies

Analogous

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



A7756B



9D7A5E



8C815A

Triad

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



9D7A5E



4C8C83



887BA1

Complementary

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



9D7A5E



5E819D

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.



6C82A8



9D7A5E



458B96

Square

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



9D7A5E



608A70



5287A4



9D7592

Rectangle

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



9D7A5E



7E855D



5287A4



7F7DA4

Sweetspot

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



9D7A5E



CCBEB4



9D5E82



665E58



E6E6E6



666666

Same Dimension

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



9D7A5E



CC966A



9D995E



4F4B47



8F3F00



0F0700

Inverse Universe

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



5E819D



6AA0CC



5E629D



474C4F



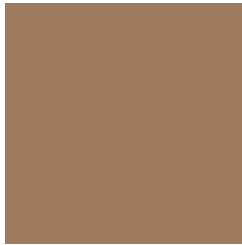
004F8F



00080F

Previews

White Background



This preview shows how the Hex color 9D7A5E looks on a white background.

Color Contrast Check

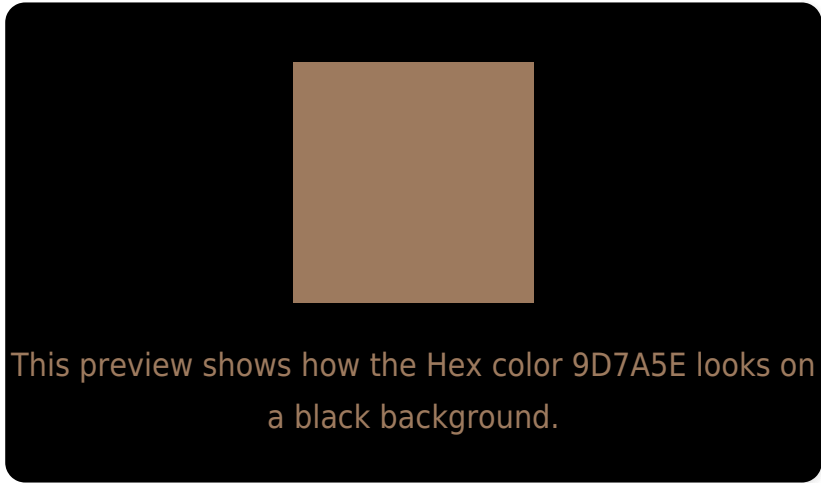
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D7A5E Background



This preview shows how black text looks on a background with the Hex color 9D7A5E.



This preview shows how white text looks on a background with the Hex color 9D7A5E.

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
9D7A5E

Protanopia
8A8161

Deuteranopia
997C5E



Tritanopia
A0767F

Trichromacy



Original Color
9D7A5E

Protanomaly
917E60

Deuteranomaly
9A7B5E

Tritanomaly
9F7773

Monochromacy



Original Color
9D7A5E

Achromatopsia
818181

Achromatomaly
8B7E74

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D7A5E 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 #9D7A5E looks like.

```
.text, #text, p{  
    color:#9D7A5E  
}
```

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 #9D7A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D7A5E
}
```

Border

The CSS property to change the border of an element to Hex 9D7A5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

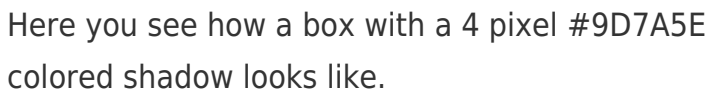
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D7A5E }
```

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

```
.border{ border-color:#9D7A5E }
```

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



Here you see how a box with a 4 pixel #9D7A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D7A5E; -webkit-box-shadow:4px 4px  
4px 4px #9D7A5E; box-shadow:4px 4px 4px  
4px #9D7A5E }
```

Background

The CSS property to change the background color of an element to Hex 9D7A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D7A5E }
```

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

```
.background{ background-color:#9D7A5E }
```

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