

Converting Colors

Hex(9A7953)

Have a look what the booklet for
Hex(9A7953) contains.

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Color

Hex(9A7953)

Conversions

Conversions Part 1

Format	Color
Hex	9A7953
RGB	154, 121, 83
RGB Percent	60%, 47%, 33%
CMY	0.3961, 0.5255, 0.6745
CMYK	0.00, 0.21, 0.46, 0.40
HSL	32°, 30%, 46%
HSV	32°, 46%, 60%
XYZ	21.7251, 21.1693, 11.1247
YIQ	126.5350, 31.8660, -4.8220

Conversions

Conversions Part 2

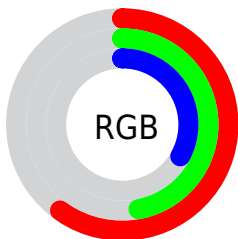
Format	Color
RYB	145, 154, 83
Decimal	10123603
CIELab	53.13, 7.72, 25.70
CIElCh	53, 26.832, 73.282
Yxy	21.1693, 0.4022, 0.3919
Android (android.graphics.Color)	4288313683 (0xFF9A7953)
YUV	126.5350, -21.4628, 24.0868
Hunter-Lab	46.0101, 3.7667, 17.8715

Details

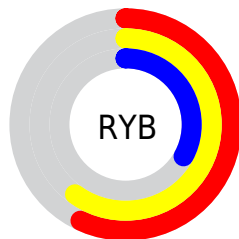
The Hex color **9A7953** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **53749A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D2AD85**, and **654925** is the 20% darker color. If you saturate the color by 10%, you get **9A7244**, and if you desaturate by 10%, it is **9A8062**.

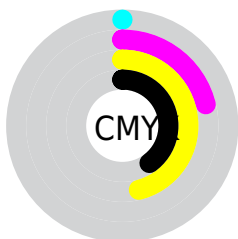
Distribution



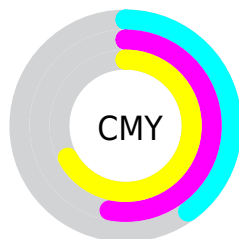
- Red (60%)
- Green (47%)
- Blue (33%)



- Red (57%)
- Yellow (60%)
- Blue (33%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A7953 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 9A7953 by changing the saturation by 10% instead.



9A7953



9A7953

FFFFFF



7F603B



D2AD85



654925



EFC99F



4B3210



FFE5BA



341D00



FFFFD6



1C0500



FFFFFF3



000000



9A7953



9A7953



9A7244



9A8062



9A6B34



9A8772

 9A6425

 9A8E81

 9A5C15

 9A9691

 9A5506

 9A9DA0

 9A5200

 9AA4AF

 9AABBF

 9AB2CE

 9AB9DE

Harmonies

Analogous

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



A87260



9A7953



848152

Triad

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



9A7953



358B89



8F75A1

Complementary

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



9A7953



53749A

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.



6F7EAC



9A7953



308A9E

Square

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



9A7953



4F8B71



4B85AB



A46F8D

Rectangle

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



9A7953



748558



4B85AB



8578A5

Sweetspot

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



9A7953



C9BCAD



9A5374



665E55



E6E6E6



666666

Same Dimension

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



9A7953



C9965B



989A53



4D4945



8C4B00



0D0700

Inverse Universe

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



53749A



5B8EC9



55539A



45484D



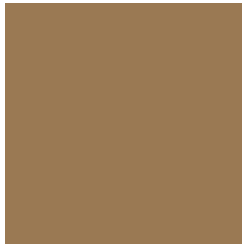
00418C



00060D

Previews

White Background



This preview shows how the Hex color 9A7953 looks on a white background.

Color Contrast Check

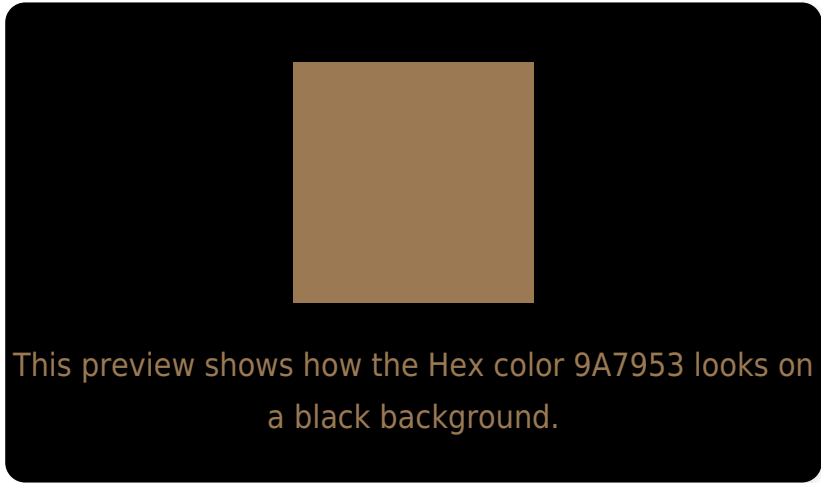
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A7953 Background



This preview shows how black text looks on a background with the Hex color 9A7953.



This preview shows how white text looks on a background with the Hex color 9A7953.

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
9A7953

Protanopia
8A7F55

Deuteranopia
997A53



Tritanopia
9E747D

Trichromacy



Original Color
9A7953

Protanomaly
907D54

Deuteranomaly
997A53

Tritanomaly
9D766E

Monochromacy



Original Color
9A7953

Achromatopsia
7F7F7F

Achromatomaly
897D6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A7953 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 #9A7953 looks like.

```
.text, #text, p{  
    color:#9A7953  
}
```

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 #9A7953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7953  
}
```

Border

The CSS property to change the border of an element to Hex 9A7953 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  
#9A7953 }
```

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

```
.border{ border-color:#9A7953 }
```

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

Here you see how a box with a 4 pixel #9A7953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7953; -webkit-box-shadow:4px 4px  
4px 4px #9A7953; box-shadow:4px 4px 4px  
4px #9A7953 }
```

Background

The CSS property to change the background color of an element to Hex 9A7953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7953 }
```

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

```
.background{ background-color:#9A7953 }
```

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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