

Converting Colors

Hex(9A663C)

Have a look what the booklet for
Hex(9A663C) contains.

Hex(9A663C)	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(9A663C)

Conversions

Conversions Part 1

Format	Color
Hex	9A663C
RGB	154, 102, 60
RGB Percent	60%, 40%, 24%
CMY	0.3961, 0.6000, 0.7647
CMYK	0.00, 0.34, 0.61, 0.40
HSL	27°, 44%, 42%
HSV	27°, 61%, 60%
XYZ	18.8934, 16.6990, 6.5024
YIQ	112.7600, 44.4740, -2.0380

Conversions

Conversions Part 2

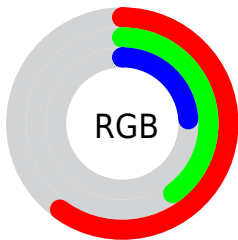
Format	Color
RYB	154, 136, 60
Decimal	10118716
CIELab	47.88, 16.47, 31.96
CIELCh	48, 35.953, 62.741
Yxy	16.6990, 0.4488, 0.3967
Android (android.graphics.Color)	4288308796 (0xFF9A663C)
YUV	112.7600, -26.0107, 36.1675
Hunter-Lab	40.8644, 11.0156, 19.1708

Details

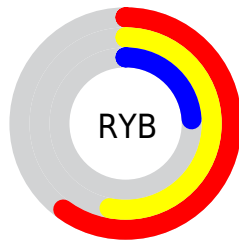
The Hex color **9A663C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C709A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D3996D**, and **63370F** is the 20% darker color. If you saturate the color by 10%, you get **9A5D2D**, and if you desaturate by 10%, it is **9A6F4B**.

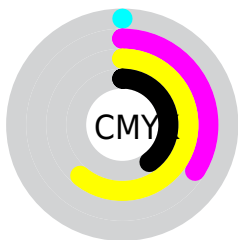
Distribution



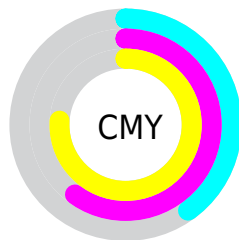
- Red (60%)
- Green (40%)
- Blue (24%)



- Red (60%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (34%)
- Yellow (61%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A663C 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 9A663C by changing the saturation by 10% instead.



9A663C



9A663C

FFFFFF



7E4E25



D3996D



63370F



F1B486



492100



FFD0A1



2F0C00



FFECBC



110000



FFFFD8



000000



FFFFF4



9A663C



9A663C



9A5D2D



9A6F4B

■ 9A551D

■ 9A775B

■ 9A4C0E

■ 9A806A

■ 9A4500

■ 9A887A

■ 9A9189

■ 9A9998

■ 9AA2A8

■ 9AAAB7

■ 9AB3C7

Harmonies

Analogous

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



A95C52



9A663C



817133

Triad

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



9A663C



008174



7869A5

Complementary

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



9A663C



3C709A

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.



4374AE



9A663C



008091

Square

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



9A663C



3A7F55



007CA7



995E8E

Rectangle

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



9A663C



6D7738



007CA7



696DAA

Sweetspot

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



9A663C



C9B5A5



9A3C71



665A50



E6E6E6



666666

Same Dimension

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



9A663C



C97836



9A943C



4D4845



8C3F00



0D0600

Inverse Universe

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



3C709A



3688C9



3C429A



45494D



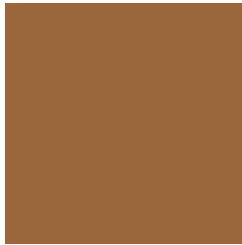
004E8C



00070D

Previews

White Background



This preview shows how the Hex color 9A663C looks on a white background.

Color Contrast Check

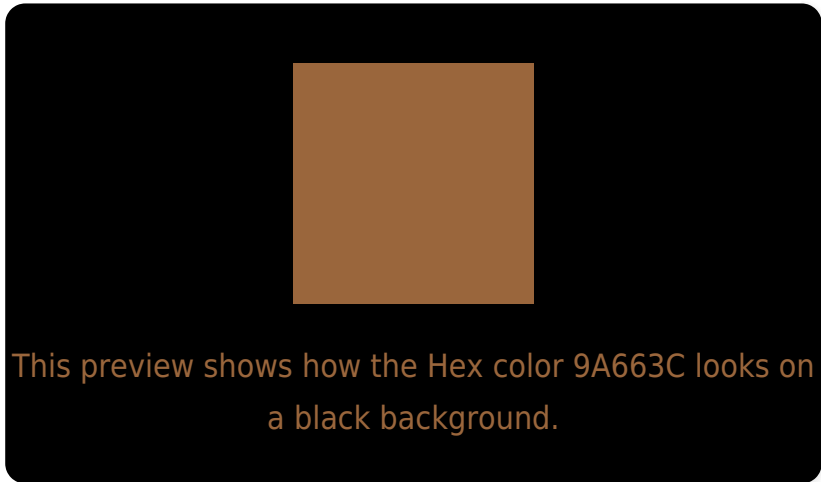
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9A663C Background



This preview shows how black text looks on a background with the Hex color 9A663C.



This preview shows how white text looks on a background with the Hex color 9A663C.

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
9A663C

Protanopia
7D7240

Deuteranopia
8C6D3A



Tritanopia
9D6168

Trichromacy



Original Color
9A663C

Protanomaly
886E3F

Deuteranomaly
916A3B

Tritanomaly
9C6358

Monochromacy



Original Color
9A663C

Achromatopsia
717171

Achromatomaly
806D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A663C 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 #9A663C looks like.

```
.text, #text, p{  
    color:#9A663C  
}
```

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 #9A663C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A663C
}
```

Border

The CSS property to change the border of an element to Hex 9A663C 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
#9A663C }
```

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

```
.border{ border-color:#9A663C }
```

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

Here you see how a box with a 4 pixel #9A663C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A663C; -webkit-box-shadow:4px 4px  
4px 4px #9A663C; box-shadow:4px 4px 4px  
4px #9A663C }
```

Background

The CSS property to change the background color of an element to Hex 9A663C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A663C }
```

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

```
.background{ background-color:#9A663C }
```

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