

Converting Colors

Hex(94533C)

Have a look what the booklet for
Hex(94533C) contains.

Hex(94533C)	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(94533C)

Conversions

Conversions Part 1

Format	Color
Hex	94533C
RGB	148, 83, 60
RGB Percent	58%, 33%, 24%
CMY	0.4196, 0.6745, 0.7647
CMYK	0.00, 0.44, 0.59, 0.42
HSL	16°, 42%, 41%
HSV	16°, 59%, 58%
XYZ	16.1216, 12.8087, 5.8976
YIQ	99.8130, 46.1230, 6.6270

Conversions

Conversions Part 2

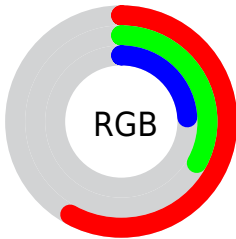
Format	Color
R _Y B	148, 91, 60
Decimal	9720636
CIE Lab	42.47, 24.73, 25.14
CIE LCh	42, 35.271, 45.472
Yxy	12.8087, 0.4629, 0.3678
Android (android.graphics.Color)	4287910716 (0xFF94533C)
YUV	99.8130, -19.6278, 42.2600
Hunter-Lab	35.7892, 17.7761, 15.2822

Details

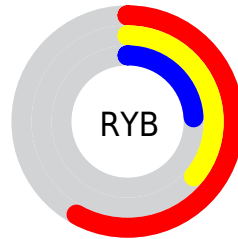
The Hex color **94533C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C7D94**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **CD856C**, and **5D2411** is the 20% darker color. If you saturate the color by 10%, you get **94482D**, and if you desaturate by 10%, it is **945E4B**.

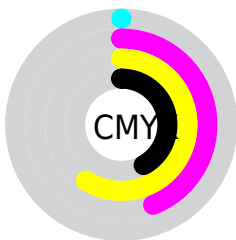
Distribution



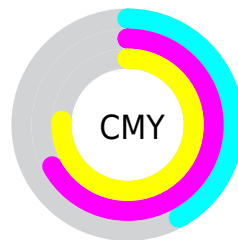
- Red (58%)
- Green (33%)
- Blue (24%)



- Red (58%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (44%)
- Yellow (59%)
- Black (42%)



- Cyan (42%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94533C 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 94533C by changing the saturation by 10% instead.

 94533C

 94533C

FFFFFF

 783B26

 CD856C

 5D2411

 EBA085

 430D00

 FFBB9F

 2B0000

 FFD7BB

 000000

 FFF3D6

 FFFFF3

 94533C

 94533C

 94482D

 945E4B

■ 943D1E

■ 94695A

■ 943210

■ 947468

■ 942701

■ 947F77

■ 942700

■ 948A86

■ 949595

■ 94A0A4

■ 94AAB2

■ 94B5C1

Harmonies

Analogous

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



9B4C56



94533C



815E2B

Triad

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



94533C



107255



4F629C

Complementary

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



94533C



3C7D94

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.



006B9C



94533C



007373

Square

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



94533C



466E3A



00718D



7A578D

Rectangle

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



94533C



706428



00718D



3B669E

Sweetspot

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



94533C



BFA69D



943C7E



61514C



E0E0E0



616161

Same Dimension

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



94533C



BF5B37



947E3C



4A4443



8A2400



0A0300

Inverse Universe

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



3C7D94



379CBF



3C5294



43484A



00668A



00080A

Previews

White Background



This preview shows how the Hex color 94533C looks on a white background.

Color Contrast Check

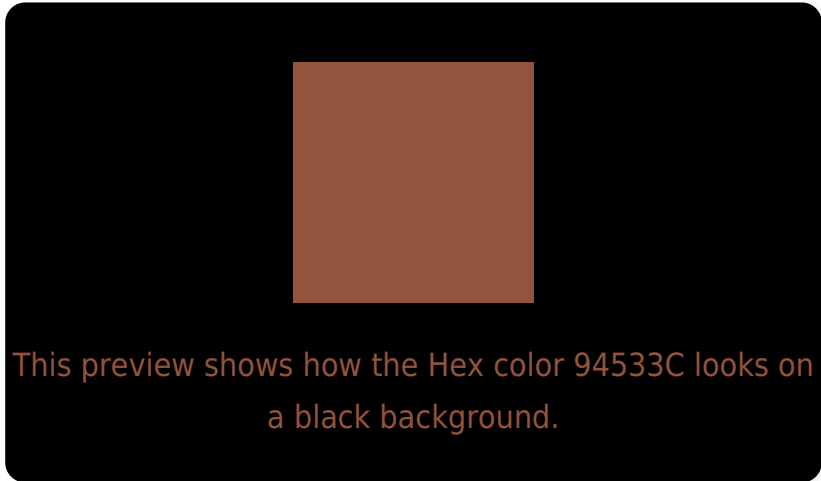
Large Text (above 18pt) WCAG AA ✓ Pass

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

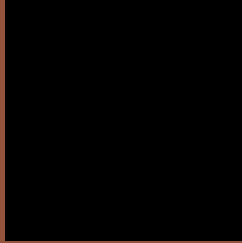
Any Text WCAG AA × Fail

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 94533C Background



This preview shows how black text looks on a background with the Hex color 94533C.



This preview shows how white text looks on a background with the Hex color 94533C.

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
94533C

Protanopia
6D6543

Deuteranopia
7B6039



Tritanopia
965055

Trichromacy



Original Color
94533C

Protanomaly
7B5E40

Deuteranomaly
845B3A

Tritanomaly
95514C

Monochromacy



Original Color
94533C

Achromatopsia
646464

Achromatomaly
755E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 94533C 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 #94533C looks like.

```
.text, #text, p{  
    color:#94533C  
}
```

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 #94533C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94533C
}
```

Border

The CSS property to change the border of an element to Hex 94533C is called "border". The border property can be set on classes, ids or directly on the HTML element.

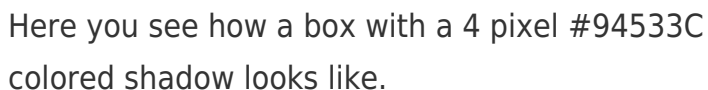
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94533C }
```

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

```
.border{ border-color:#94533C }
```

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



Here you see how a box with a 4 pixel #94533C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94533C; -webkit-box-shadow:4px 4px  
4px 4px #94533C; box-shadow:4px 4px 4px  
4px #94533C }
```

Background

The CSS property to change the background color of an element to Hex 94533C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94533C }
```

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

```
.background{ background-color:#94533C }
```

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