

Converting Colors

Hex(9C4533)

Have a look what the booklet for
Hex(9C4533) contains.

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Color

Hex(9C4533)

Conversions

Conversions Part 1

Format	Color
Hex	9C4533
RGB	156, 69, 51
RGB Percent	61%, 27%, 20%
CMY	0.3882, 0.7294, 0.8000
CMYK	0.00, 0.56, 0.67, 0.39
HSL	10°, 51%, 41%
HSV	10°, 67%, 61%
XYZ	16.4360, 11.5632, 4.4976
YIQ	92.9610, 57.6300, 12.8460

Conversions

Conversions Part 2

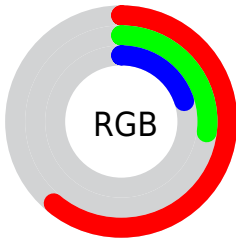
Format	Color
RYB	156, 73, 51
Decimal	10241331
CIELab	40.51, 34.97, 28.30
CIELCh	41, 44.987, 38.982
Yxy	11.5632, 0.5058, 0.3558
Android (android.graphics.Color)	4288431411 (0xFF9C4533)
YUV	92.9610, -20.6868, 55.2852
Hunter-Lab	34.0047, 26.7688, 15.9613

Details

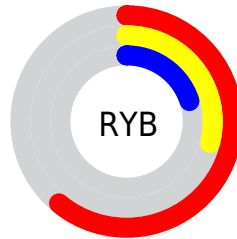
The Hex color **9C4533** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **338A9C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **D77862**, and **631206** is the 20% darker color. If you saturate the color by 10%, you get **9C3823**, and if you desaturate by 10%, it is **9C5243**.

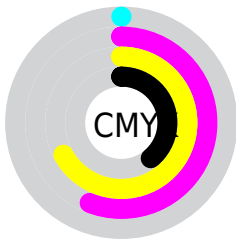
Distribution



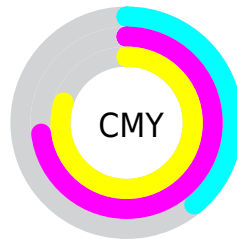
- Red (61%)
- Green (27%)
- Blue (20%)



- Red (61%)
- Yellow (29%)
- Blue (20%)



- Cyan (0%)
- Magenta (56%)
- Yellow (67%)
- Black (39%)



- Cyan (39%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C4533 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 9C4533 by changing the saturation by 10% instead.

 9C4533

 9C4533

FFFFFF

 7F2C1D

 D77862

 631206

 F5927B

 470000

 FFAD95

 2F0001

 FFC9B0

 000000

 FFE6CB

 FFFFE7

 9C4533

 9C4533

 9C3823

 9C5243

 9C2B14

 9C5F52

 9C1E04

 9C6C62

 9C1B00

 9C7971

 9C8681

 9C9391

 9C9FA0

 9CACB0

 9CB9BF

Harmonies

Analogous

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



A23C56



9C4533



875417

Triad

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



9C4533



006F44



2260A8

Complementary

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



9C4533



338A9C

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.



006AA4



9C4533



00716A

Square

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



9C4533



406A22



00708D



6F5199

Rectangle

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



9C4533



735D0B



00708D



0064A9

Sweetspot

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



9C4533



CCAAA3



9C338B



66524E



E6E6E6



666666

Same Dimension

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



9C4533



CC4327



9C7933



4F4947



8F1800



0F0300

Inverse Universe

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



338A9C



27B0CC



33569C



474E4F



00768F



000D0F

Previews

White Background



This preview shows how the Hex color 9C4533 looks on a white background.

Color Contrast Check

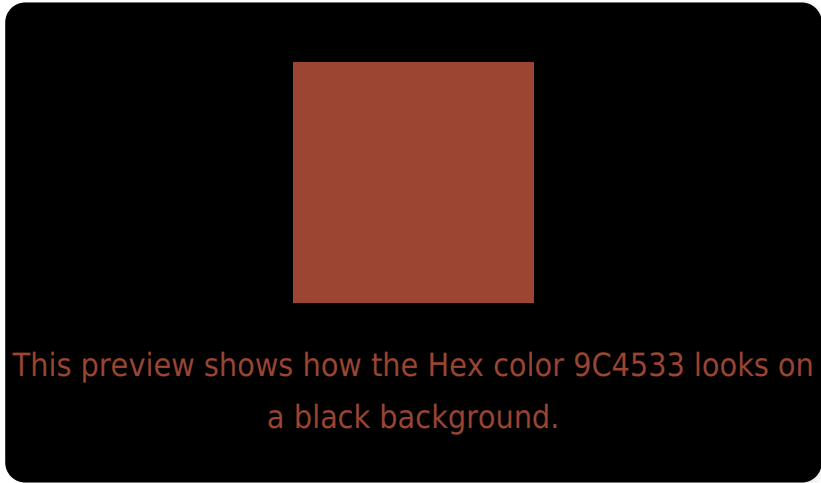
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C4533 Background



This preview shows how black text looks on a background with the Hex color 9C4533.

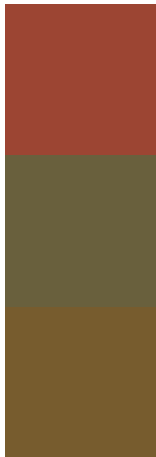


This preview shows how white text looks on a background with the Hex color 9C4533.

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
9C4533

Protanopia
69603D

Deuteranopia
775C2E



Tritanopia
9D4247

Trichromacy



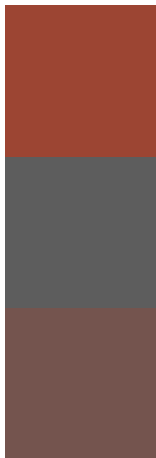
Original Color
9C4533

Protanomaly
7C5639

Deuteranomaly
845430

Tritanomaly
9D4340

Monochromacy



Original Color
9C4533

Achromatopsia
5D5D5D

Achromatomaly
74544E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C4533 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 #9C4533 looks like.

```
.text, #text, p{  
    color:#9C4533  
}
```

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 #9C4533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C4533  
}
```

Border

The CSS property to change the border of an element to Hex 9C4533 is called "border". The border property can be set on classes, ids or directly on the HTML element.

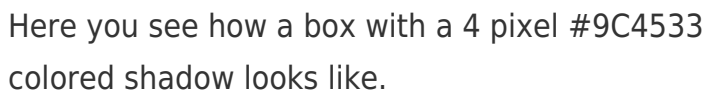
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9C4533 }
```

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

```
.border{ border-color:#9C4533 }
```

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



Here you see how a box with a 4 pixel #9C4533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C4533; -webkit-box-shadow:4px 4px  
4px 4px #9C4533; box-shadow:4px 4px 4px  
4px #9C4533 }
```

Background

The CSS property to change the background color of an element to Hex 9C4533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C4533 }
```

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

```
.background{ background-color:#9C4533 }
```

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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