

Converting Colors

Hex(9A3A4E)

Have a look what the booklet for
Hex(9A3A4E) contains.

Hex(9A3A4E)	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(9A3A4E)

Conversions

Conversions Part 1

Format	Color
Hex	9A3A4E
RGB	154, 58, 78
RGB Percent	60%, 23%, 31%
CMY	0.3961, 0.7725, 0.6941
CMYK	0.00, 0.62, 0.49, 0.40
HSL	348°, 45%, 42%
HSV	348°, 62%, 60%
XYZ	16.2146, 10.4462, 8.3694
YIQ	88.9840, 50.7960, 26.5720

Conversions

Conversions Part 2

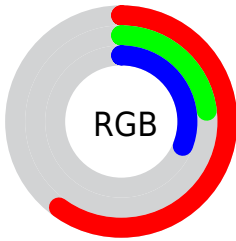
Format	Color
R_{YB}	154, 58, 78
Decimal	10107470
CIE _{Lab}	38.63, 41.83, 9.16
CIE _{LCh}	39, 42.815, 12.347
Yxy	10.4462, 0.4629, 0.2982
Android (android.graphics.Color)	4288297550 (0xFF9A3A4E)
YUV	88.9840, -5.4151, 57.0190
Hunter-Lab	32.3206, 32.9891, 7.2712

Details

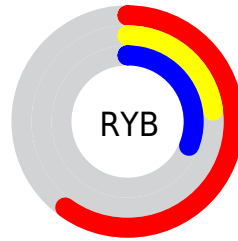
The Hex color **9A3A4E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3A9A86**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D46E7F**, and **620022** is the 20% darker color. If you saturate the color by 10%, you get **9A2B42**, and if you desaturate by 10%, it is **9A495A**.

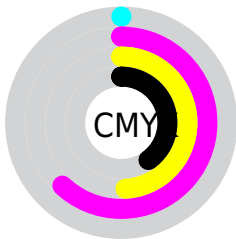
Distribution



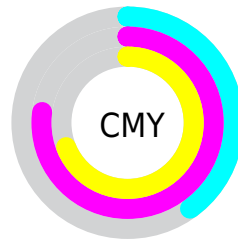
- Red (60%)
- Green (23%)
- Blue (31%)



- Red (60%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (49%)
- Black (40%)



- Cyan (40%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A3A4E 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 9A3A4E by changing the saturation by 10% instead.

 9A3A4E

 9A3A4E

FFFFFF

 7E1F37

 D46E7F

 620022

 F28899

 47000C

 FFA4B3

 2F0002

 FFBFCF

 000000

 FFDCEB

 FFF9FF

 9A3A4E

 9A3A4E

 9A2B42

 9A495A

 9A1B36

 9A5966

 9A0C29

 9A6873

 9A0020

 9A787F

 9A878B

 9A9697

 9AA6A3

 9AB5B0

 9AC5BC

Harmonies

Analogous

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



8F3E71



9A3A4E



93442E

Triad

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



9A3A4E



396624



00649D

Complementary

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



9A3A4E



3A9A86

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.



006A89



9A3A4E



006A45

Square

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



9A3A4E



5F5E0E



006C69



305A9F

Rectangle

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



9A3A4E



864D1C



006C69



006798

Sweetspot

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



9A3A4E



C9A3AB



853A9A



664F53



E6E6E6



666666

Same Dimension

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



9A3A4E



C93252



9A553A



4D4546



8C001D



0D0003

Inverse Universe

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



9A3A4E



C93252



3A7F9A



4D4546



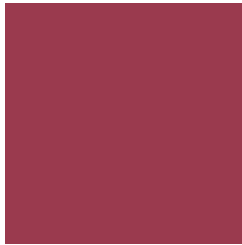
8C001D



0D0003

Previews

White Background



This preview shows how the Hex color 9A3A4E looks on a white background.

Color Contrast Check

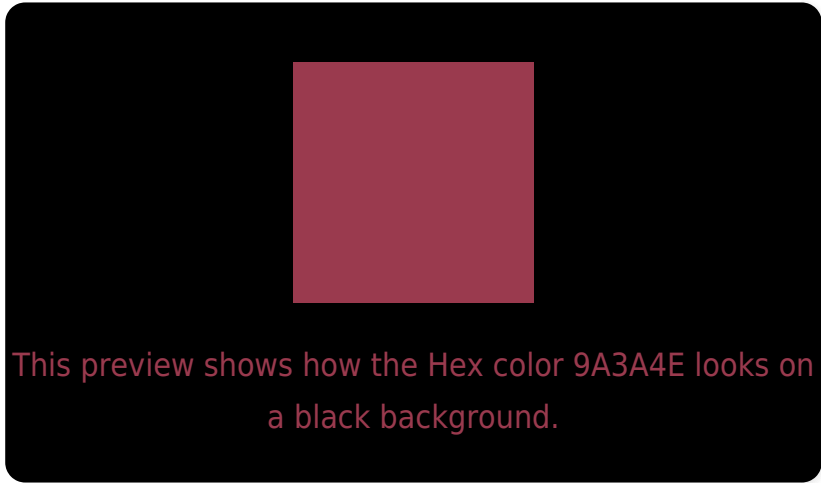
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A3A4E Background



This preview shows how black text looks on a background with the Hex color 9A3A4E.



This preview shows how white text looks on a background with the Hex color 9A3A4E.

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
9A3A4E

Protanopia
5C5B5F

Deuteranopia
6B5849



Tritanopia
993D40

Trichromacy



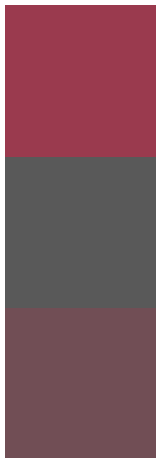
Original Color
9A3A4E

Protanomaly
734F59

Deuteranomaly
7C4D4B

Tritanomaly
993C45

Monochromacy



Original Color
9A3A4E

Achromatopsia
595959

Achromatomaly
714E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A3A4E 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 #9A3A4E looks like.

```
.text, #text, p{  
    color:#9A3A4E  
}
```

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 #9A3A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3A4E
}
```

Border

The CSS property to change the border of an element to Hex 9A3A4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

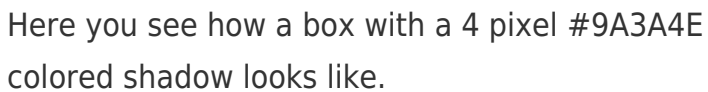
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A3A4E }
```

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

```
.border{ border-color:#9A3A4E }
```

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



Here you see how a box with a 4 pixel #9A3A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3A4E; -webkit-box-shadow:4px 4px  
4px 4px #9A3A4E; box-shadow:4px 4px 4px  
4px #9A3A4E }
```

Background

The CSS property to change the background color of an element to Hex 9A3A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3A4E }
```

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

```
.background{ background-color:#9A3A4E }
```

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