

Converting Colors

Hex(9A3D46)

Have a look what the booklet for
Hex(9A3D46) contains.

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Color

Hex(9A3D46)

Conversions

Conversions Part 1

Format	Color
Hex	9A3D46
RGB	154, 61, 70
RGB Percent	60%, 24%, 27%
CMY	0.3961, 0.7608, 0.7255
CMYK	0.00, 0.60, 0.55, 0.40
HSL	354°, 43%, 42%
HSV	354°, 60%, 60%
XYZ	16.1007, 10.6497, 7.0014
YIQ	89.8330, 52.5390, 22.5150

Conversions

Conversions Part 2

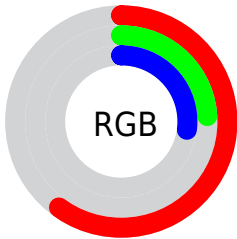
Format	Color
RYB	154, 61, 70
Decimal	10108230
CIELab	38.98, 39.65, 14.67
CIElCh	39, 42.283, 20.308
Yxy	10.6497, 0.4770, 0.3155
Android (android.graphics.Color)	4288298310 (0xFF9A3D46)
YUV	89.8330, -9.7777, 56.2745
Hunter-Lab	32.6339, 30.9577, 10.1235

Details

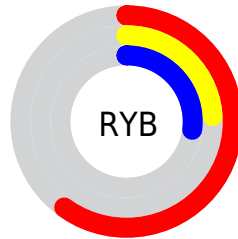
The Hex color **9A3D46** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3D9A91**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D47076**, and **62041B** is the 20% darker color. If you saturate the color by 10%, you get **9A2E38**, and if you desaturate by 10%, it is **9A4C54**.

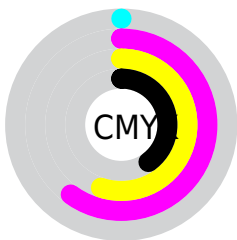
Distribution



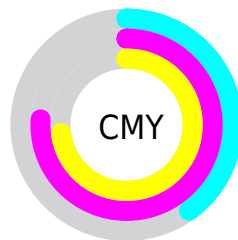
- Red (60%)
- Green (24%)
- Blue (27%)



- Red (60%)
- Yellow (24%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (55%)
- Black (40%)



- Cyan (40%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A3D46 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 9A3D46 by changing the saturation by 10% instead.

 9A3D46

 9A3D46

FFFFFF

 7E2330

 D47076

 62041B

 F28B90

 470000

 FFA6AA

 2F0002

 FFC2C5

 000000

 FFDEE1

 FFFBFE

 9A3D46

 9A3D46

 9A2E38

 9A4C54

 9A1E2A

 9A5C62

 9A0F1C

 9A6B70

 9A000F

 9A7B7E

 9A8A8C

 9A9999

 9AA9A7

 9AB8B5

 9AC8C3

Harmonies

Analogous

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



943D68



9A3D46



8F4828

Triad

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



9A3D46



2D682D



0063A0

Complementary

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



9A3D46



3D9A91

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.



006A90



9A3D46



006C4F

Square

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



9A3D46



576114



006C73



48579C

Rectangle

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



9A3D46



805218



006C73



00669C

Sweetspot

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



9A3D46



C9A5A9



913D9A



665052



E6E6E6



666666

Same Dimension

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



9A3D46



C93846



9A623D



4D4546



8C000E



0D0001

Inverse Universe

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



9A3D46



C93846



3D759A



4D4546



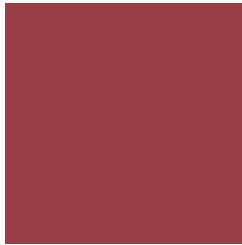
8C000E



0D0001

Previews

White Background



This preview shows how the Hex color 9A3D46 looks on a white background.

Color Contrast Check

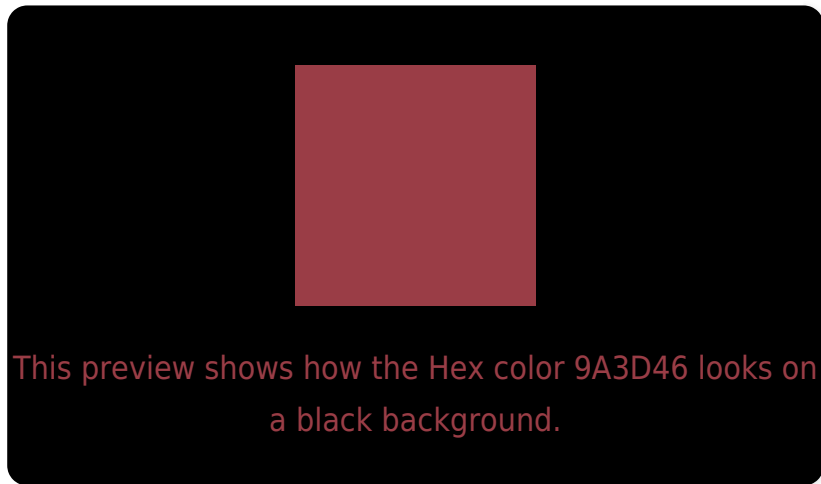
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A3D46 Background



This preview shows how black text looks on a background with the Hex color 9A3D46.

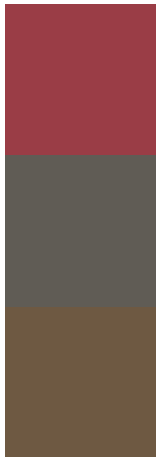


This preview shows how white text looks on a background with the Hex color 9A3D46.

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
9A3D46

Protanopia
605C55

Deuteranopia
6E5942



Tritanopia
9A3E42

Trichromacy



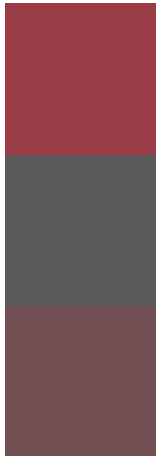
Original Color
9A3D46

Protanomaly
755150

Deuteranomaly
7E4F43

Tritanomaly
9A3E43

Monochromacy



Original Color
9A3D46

Achromatopsia
5A5A5A

Achromatomaly
714F53

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A3D46 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 #9A3D46 looks like.

```
.text, #text, p{  
    color:#9A3D46  
}
```

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 #9A3D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3D46
}
```

Border

The CSS property to change the border of an element to Hex 9A3D46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

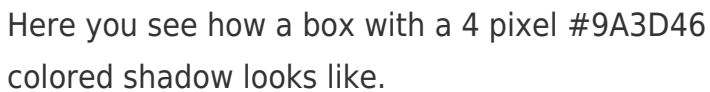
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A3D46 }
```

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

```
.border{ border-color:#9A3D46 }
```

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



Here you see how a box with a 4 pixel #9A3D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3D46; -webkit-box-shadow:4px 4px  
4px 4px #9A3D46; box-shadow:4px 4px 4px  
4px #9A3D46 }
```

Background

The CSS property to change the background color of an element to Hex 9A3D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3D46 }
```

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

```
.background{ background-color:#9A3D46 }
```

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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