

# Converting Colors

Hex(9A3C45)

Have a look what the booklet for  
Hex(9A3C45) contains.

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# Color

**Hex(9A3C45)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 9A3C45                    |
| RGB           | 154, 60, 69               |
| RGB Percent   | 60%, 24%, 27%             |
| CMY           | 0.3961, 0.7647, 0.7294    |
| CMYK          | 0.00, 0.61, 0.55, 0.40    |
| HSL           | 354°, 44%, 42%            |
| HSV           | 354°, 61%, 60%            |
| XYZ           | 16.0165, 10.5314, 6.8188  |
| YIQ           | 89.1320, 53.1350, 22.7270 |

# Conversions

## Conversions Part 2

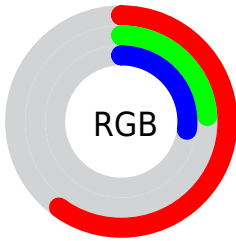
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 154, 60, 69                  |
| Decimal                             | 10107973                     |
| CIELab                              | 38.78, 40.05, 15.02          |
| CIELCh                              | 39, 42.778, 20.563           |
| Yxy                                 | 10.5314, 0.4800,<br>0.3156   |
| Android<br>(android.graphics.Color) | 4288298053<br>(0xFF9A3C45)   |
| YUV                                 | 89.1320, -9.9251,<br>56.8892 |
| Hunter-Lab                          | 32.4521, 31.3058,<br>10.2585 |

# Details

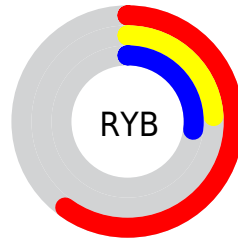
The Hex color **9A3C45** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3C9A91**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D46F75**, and **62021A** is the 20% darker color. If you saturate the color by 10%, you get **9A2D37**, and if you desaturate by 10%, it is **9A4B53**.

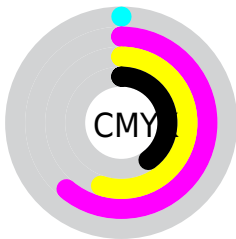
# Distribution



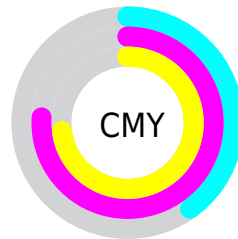
- Red (60%)
- Green (24%)
- Blue (27%)



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



- Cyan (0%)
- Magenta (61%)
- Yellow (55%)
- Black (40%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A3C45 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 9A3C45 by changing the saturation by 10% instead.



 9A3C45

 9A3C45

FFFFFF

 7E222F

 D46F75

 62021A

 F28A8F

 470000

 FFA5A9

 2E0002

 FFC1C4

 000000

 FFDDE0

 FFFAFD

 9A3C45

 9A3C45

 9A2D37

 9A4B53

 9A1D29

 9A5B61

 9A0E1B

 9A6A6F

 9A000F

 9A7A7D

 9A898B

 9A9899

 9AA8A6

 9AB7B4

 9AC7C2

# Harmonies

## Analogous

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



953C68



9A3C45



8E4826

# Triad

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



9A3C45



2B682D



0062A0

# Complementary

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



9A3C45



3C9A91

# 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.



006990



9A3C45



006B4F

# Square

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



9A3C45



566112



006C73



47579D

# Rectangle

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



9A3C45



7F5116



006C73



00659D



# Sweetspot

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



9A3C45



C9A5A9



913C9A



665052



E6E6E6



666666



# Same Dimension

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



9A3C45



C93644



9A623C



4D4546



8C000D



0D0001



# Inverse Universe

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



9A3C45



C93644



3C749A



4D4546



8C000D

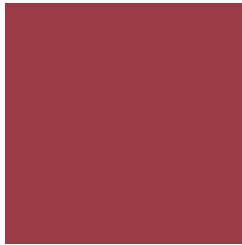


0D0001



# Previews

## White Background



This preview shows how the Hex color 9A3C45 looks on a white background.

## Color Contrast Check

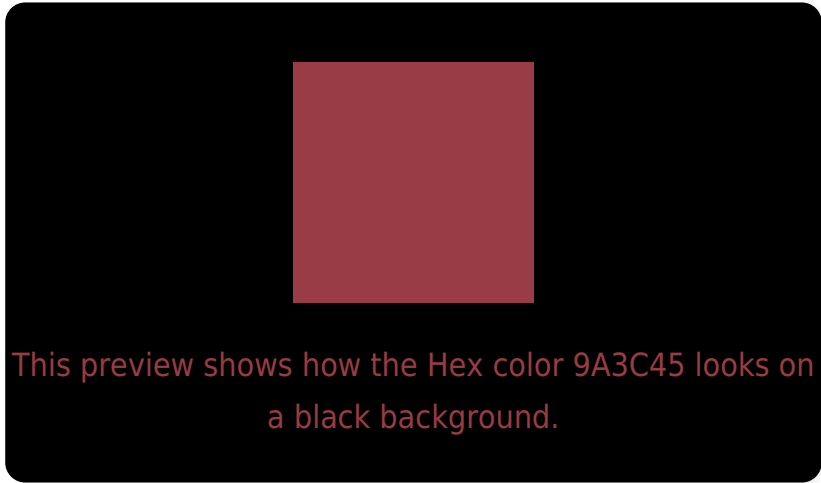
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A3C45 Background



This preview shows how black text looks on a background with the Hex color 9A3C45.



This preview shows how white text looks on a background with the Hex color 9A3C45.

# 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**  
9A3C45

**Protanopia**  
605C54

**Deuteranopia**  
6E5841



**Tritanopia**  
9A3D41

# Trichromacy



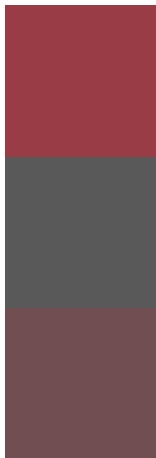
**Original Color**  
9A3C45

**Protanomaly**  
75504F

**Deuteranomaly**  
7E4E42

**Tritanomaly**  
9A3D42

# Monochromacy



**Original Color**  
9A3C45

**Achromatopsia**  
595959

**Achromatomaly**  
714E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A3C45 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 #9A3C45 looks like.

```
.text, #text, p{  
    color:#9A3C45  
}
```

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 #9A3C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3C45
}
```

## Border

The CSS property to change the border of an element to Hex 9A3C45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

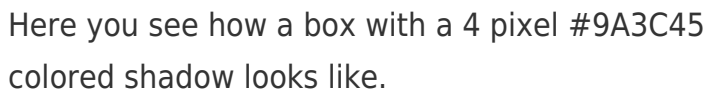
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A3C45 }
```

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

```
.border{ border-color:#9A3C45 }
```

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



Here you see how a box with a 4 pixel #9A3C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3C45; -webkit-box-shadow:4px 4px  
4px 4px #9A3C45; box-shadow:4px 4px 4px  
4px #9A3C45 }
```

# Background

The CSS property to change the background color of an element to Hex 9A3C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3C45 }
```

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

```
.background{ background-color:#9A3C45 }
```

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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