

# Converting Colors

Hex(9A363D)

Have a look what the booklet for  
Hex(9A363D) contains.

<b>Hex(9A363D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9A363D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A363D
RGB	154, 54, 61
RGB Percent	60%, 21%, 24%
CMY	0.3961, 0.7882, 0.7608
CMYK	0.00, 0.65, 0.60, 0.40
HSL	356°, 48%, 41%
HSV	356°, 65%, 60%
XYZ	15.4879, 9.8453, 5.4989
YIQ	84.6980, 57.3530, 23.3770

# Conversions

## Conversions Part 2

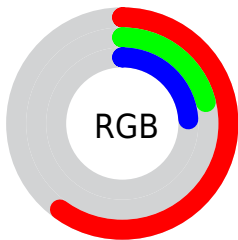
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 54, 61
Decimal	10106429
CIE <sub>Lab</sub>	37.56, 42.22, 18.42
CIE <sub>LCh</sub>	38, 46.068, 23.573
Yxy	9.8453, 0.5023, 0.3193
Android (android.graphics.Color)	4288296509 (0xFF9A363D)
YUV	84.6980, -11.6831, 60.7779
Hunter-Lab	31.3772, 33.1982, 11.5734

# Details

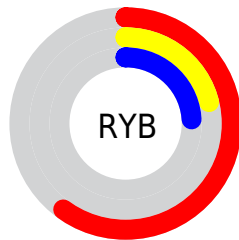
The Hex color **9A363D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **369A93**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D56A6C**, and **610013** is the 20% darker color. If you saturate the color by 10%, you get **9A272F**, and if you desaturate by 10%, it is **9A454B**.

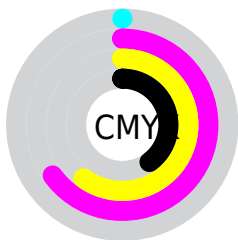
# Distribution



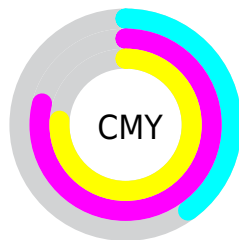
- Red (60%)
- Green (21%)
- Blue (24%)



- Red (60%)
- Yellow (21%)
- Blue (24%)



- Cyan (0%)
- Magenta (65%)
- Yellow (60%)
- Black (40%)



- Cyan (40%)
- Magenta (79%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A363D 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 9A363D by changing the saturation by 10% instead.



 9A363D

 9A363D

FFFFFF

 7D1B27

 D56A6C

 610013

 F38486

 460000

 FFA0A0

 2C0001

 FFBBBB

 000000

 FFD8D6

 FFF5F3

 9A363D

 9A363D

 9A272F

 9A454B

 9A1720

 9A555A

 9A0812

 9A6468

 9A000B

 9A7476

 9A8385

 9A9293

 9AA2A1

 9AB1B0

 9AC1BE

# Harmonies

## Analogous

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



973462



9A363D



8C451C

# Triad

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



9A363D



186629



005FA3

# Complementary

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



9A363D



369A93

# 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.



006794



9A363D



00694F

# Square

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



9A363D



4E5F07



006A75



48529D

# Rectangle

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



9A363D



7B4F07



006A75



0062A0



# Sweetspot

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



9A363D



C9A3A6



92369A



664F50



E6E6E6



666666



# Same Dimension

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



9A363D



C92C37



9A6036



4D4545



8C000A



0D0001



# Inverse Universe

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



9A363D



C92C37



36709A



4D4545



8C000A



0D0001



# Previews

## White Background



This preview shows how the Hex color 9A363D looks on a white background.

## Color Contrast Check

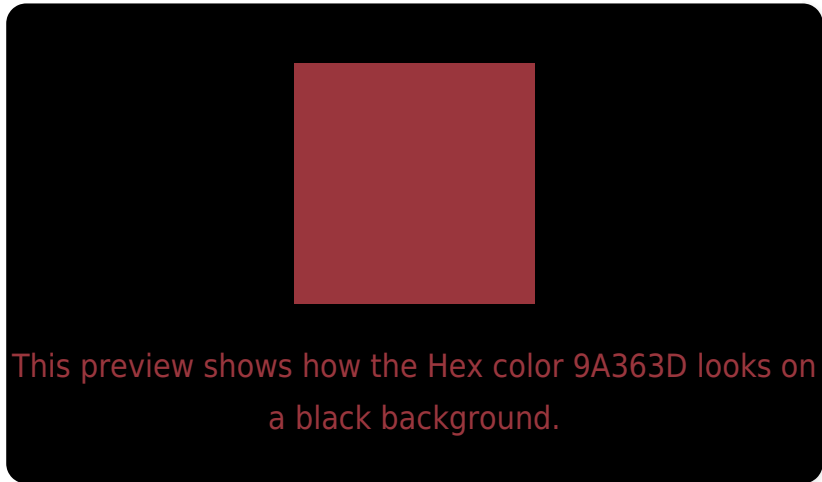
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

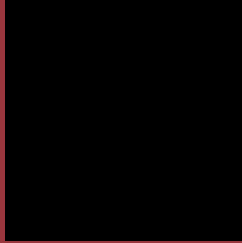
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9A363D Background



This preview shows how black text looks on a background with the Hex color 9A363D.

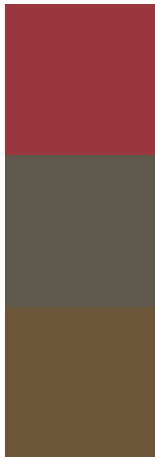


This preview shows how white text looks on a background with the Hex color 9A363D.

# 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**  
9A363D

**Protanopia**  
5E594C

**Deuteranopia**  
6C5538



**Tritanopia**  
9A373A

# Trichromacy



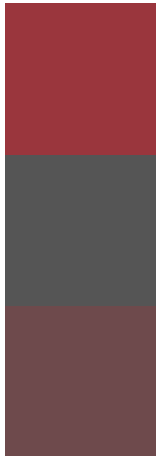
**Original Color**  
9A363D

**Protanomaly**  
744C47

**Deuteranomaly**  
7D4A3A

**Tritanomaly**  
9A373B

# Monochromacy



**Original Color**  
9A363D

**Achromatopsia**  
555555

**Achromatomaly**  
6E4A4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A363D 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 #9A363D looks like.

```
.text, #text, p{  
    color:#9A363D  
}
```

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 #9A363D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A363D
}
```

## Border

The CSS property to change the border of an element to Hex 9A363D 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
#9A363D }
```

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

```
.border{ border-color:#9A363D }
```

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

Here you see how a box with a 4 pixel #9A363D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A363D; -webkit-box-shadow:4px 4px  
4px 4px #9A363D; box-shadow:4px 4px 4px  
4px #9A363D }
```

# Background

The CSS property to change the background color of an element to Hex 9A363D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A363D }
```

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

```
.background{ background-color:#9A363D }
```

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