

Converting Colors

Hex(9C333E)

Have a look what the booklet for
Hex(9C333E) contains.

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Color

Hex(9C333E)

Conversions

Conversions Part 1

Format	Color
Hex	9C333E
RGB	156, 51, 62
RGB Percent	61%, 20%, 24%
CMY	0.3882, 0.8000, 0.7569
CMYK	0.00, 0.67, 0.60, 0.39
HSL	354°, 51%, 41%
HSV	354°, 67%, 61%
XYZ	15.7636, 9.7834, 5.6150
YIQ	83.6490, 59.0490, 25.6810

Conversions

Conversions Part 2

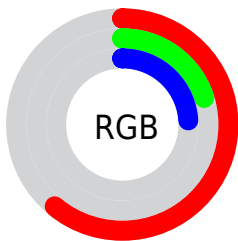
Format	Color
R_{YB}	156, 51, 62
Decimal	10236734
CIE Lab	37.45, 44.32, 17.71
CIE LCh	37, 47.728, 21.785
Yxy	9.7834, 0.5059, 0.3140
Android (android.graphics.Color)	4288426814 (0xFF9C333E)
YUV	83.6490, -10.6730, 63.4518
Hunter-Lab	31.2784, 35.2230, 11.2514

Details

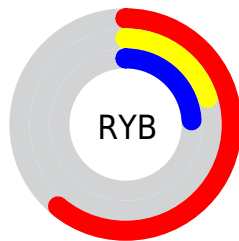
The Hex color **9C333E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **339C91**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **D7686D**, and **630014** is the 20% darker color. If you saturate the color by 10%, you get **9C2330**, and if you desaturate by 10%, it is **9C434C**.

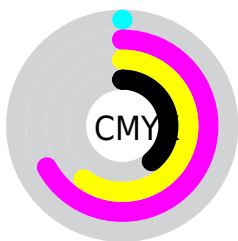
Distribution



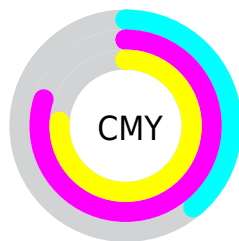
- Red (61%)
- Green (20%)
- Blue (24%)



- Red (61%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (67%)
- Yellow (60%)
- Black (39%)



- Cyan (39%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C333E 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 9C333E by changing the saturation by 10% instead.

 9C333E

 9C333E

FFFFFF

 7F1628

 D7686D

 630014

 F58287

 470000

 FF9DA1

 2D0001

 FFB9BC

 000000

 FFD6D8

 FFF2F4

 9C333E

 9C333E

 9C2330

 9C434C

 9C1422

 9C525A

 9C0414

 9C6268

 9C0010

 9C7176

 9C8184

 9C9192

 9CA0A0

 9CB0AE

 9CBFBC

Harmonies

Analogous

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



973264



9C333E



8E421B

Triad

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



9C333E



196625



0060A5

Complementary

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



9C333E



339C91

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



9C333E



00694C

Square

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



9C333E



505F00



006A74



4152A0

Rectangle

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



9C333E



7D4E03



006A74



0063A1

Sweetspot

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



9C333E



CCA3A7



90339C



664E50



E6E6E6



666666

Same Dimension

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



9C333E



CC2738



9C5B33



4F4748



8F000F



0F0002

Inverse Universe

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



9C333E



CC2738



33749C



4F4748



8F000F



0F0002

Previews

White Background



This preview shows how the Hex color 9C333E looks on a white background.

Color Contrast Check

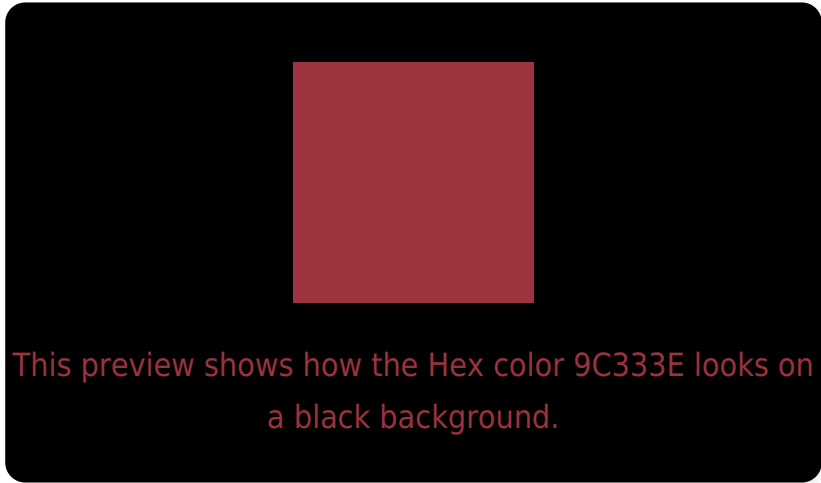
Large Text (above 18pt) WCAG AA ✓ Pass

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

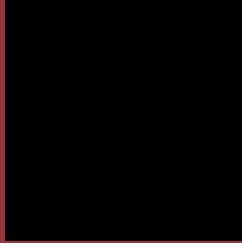
Any Text WCAG AA × Fail

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 9C333E Background



This preview shows how black text looks on a background with the Hex color 9C333E.



This preview shows how white text looks on a background with the Hex color 9C333E.

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





Tritanopia
9C3437

Trichromacy



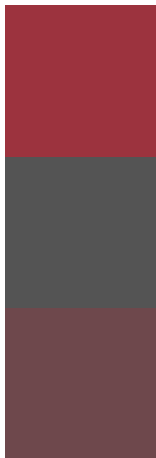
Original Color
9C333E

Protanomaly
744B49

Deuteranomaly
7D493B

Tritanomaly
9C343A

Monochromacy



Original Color
9C333E

Achromatopsia
545454

Achromatomaly
6E484C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C333E 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 #9C333E looks like.

```
.text, #text, p{  
    color:#9C333E  
}
```

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 #9C333E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C333E
}
```

Border

The CSS property to change the border of an element to Hex 9C333E is called "border". The border property can be set on classes, ids or directly on the HTML element.

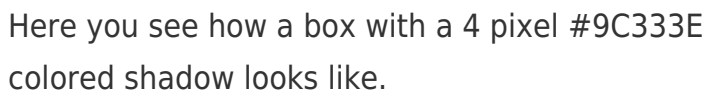
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C333E }
```

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

```
.border{ border-color:#9C333E }
```

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



Here you see how a box with a 4 pixel #9C333E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C333E; -webkit-box-shadow:4px 4px  
4px 4px #9C333E; box-shadow:4px 4px 4px  
4px #9C333E }
```

Background

The CSS property to change the background color of an element to Hex 9C333E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C333E }
```

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

```
.background{ background-color:#9C333E }
```

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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