

# Converting Colors

Hex(9A2C5C)

Have a look what the booklet for  
Hex(9A2C5C) contains.

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# Color

Hex(9A2C5C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A2C5C
RGB	154, 44, 92
RGB Percent	60%, 17%, 36%
CMY	0.3961, 0.8275, 0.6392
CMYK	0.00, 0.71, 0.40, 0.40
HSL	334°, 56%, 39%
HSV	334°, 71%, 60%
XYZ	16.1589, 9.4441, 11.0964
YIQ	82.3620, 50.1520, 38.2480

# Conversions

## Conversions Part 2

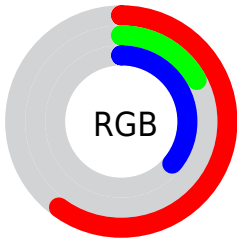
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 44, 92
Decimal	10103900
CIELab	36.83, 49.29, -2.34
CIELCh	37, 49.347, 357.281
Yxy	9.4441, 0.4403, 0.2573
Android (android.graphics.Color)	4288293980 (0xFF9A2C5C)
YUV	82.3620, 4.7515, 62.8265
Hunter-Lab	30.7312, 40.0779, 0.1034

# Details

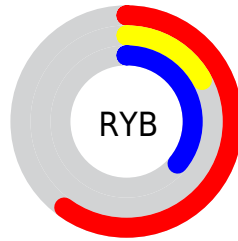
The Hex color **9A2C5C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2C9A6A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D4628E**, and **62002E** is the 20% darker color. If you saturate the color by 10%, you get **9A1D53**, and if you desaturate by 10%, it is **9A3B65**.

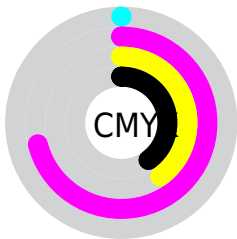
# Distribution



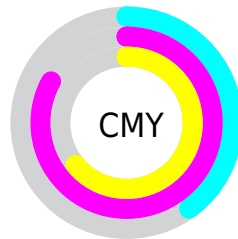
- Red (60%)
- Green (17%)
- Blue (36%)



- Red (60%)
- Yellow (17%)
- Blue (36%)



- Cyan (0%)
- Magenta (71%)
- Yellow (40%)
- Black (40%)



- Cyan (40%)
- Magenta (83%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A2C5C 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 9A2C5C by changing the saturation by 10% instead.



 9A2C5C

 9A2C5C

FFFFFF

 7E0945

 D4628E

 62002E

 F27DA8

 47001A

 FF99C4

 2F0002

 FFB4E0

 000000

 FFD1FC

 FFEEFF

 9A2C5C

 9A2C5C

 9A1D53

 9A3B65

 9A0D4B

 9A4B6D

 9A0043

 9A5A76

 9A6A7F

 9A7987

 9A8890

 9A9899

 9AA7A1

 9AB7AA

# Harmonies

## Analogous

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



823A82



9A2C5C



9B3235

# Triad

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



9A2C5C



455F00



006599

# Complementary

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



9A2C5C



2C9A6A

# 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.



00687A



9A2C5C



006529

# Square

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



9A2C5C



6C5400



006852



005DA6

# Rectangle

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



9A2C5C



913D1D



006852



006790



# Sweetspot

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



9A2C5C



C99FB2



682C9A



664D58



E6E6E6



666666



# Same Dimension

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



9A2C5C



C91C68



9A312C



4D4548



8C003D



0D0006



# Inverse Universe

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



9A2C5C



C91C68



2C959A



4D4548



8C003D



0D0006



# Previews

## White Background



This preview shows how the Hex color 9A2C5C looks on a white background.

## Color Contrast Check

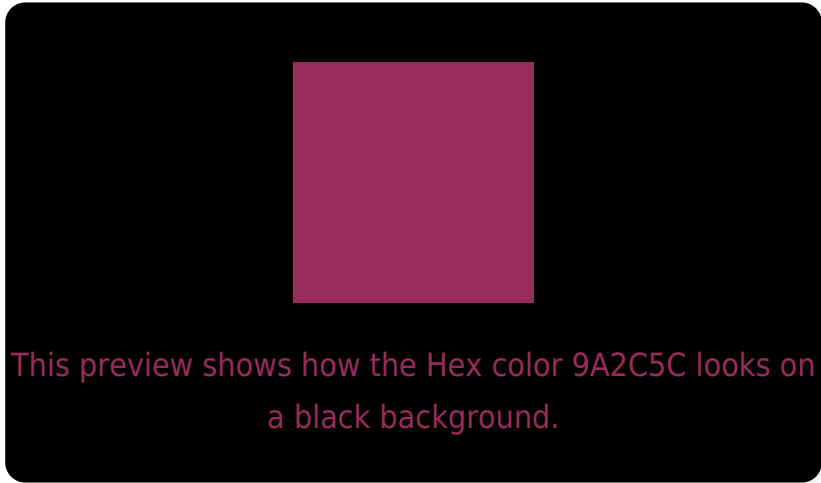
Large Text (above 18pt) WCAG AA ✓ Pass

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

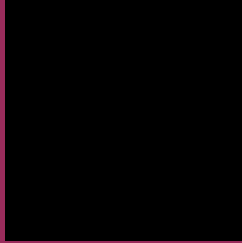
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A2C5C Background



This preview shows how black text looks on a background with the Hex color 9A2C5C.



This preview shows how white text looks on a background with the Hex color 9A2C5C.

# 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





# Trichromacy



**Original Color**  
9A2C5C

**Protanomaly**  
6A476D

**Deuteranomaly**  
764659

**Tritanomaly**  
993245

# Monochromacy



**Original Color**  
9A2C5C

**Achromatopsia**  
525252

**Achromatomaly**  
6C4456

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A2C5C 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 #9A2C5C looks like.

```
.text, #text, p{  
    color:#9A2C5C  
}
```

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 #9A2C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A2C5C }  
}
```

## Border

The CSS property to change the border of an element to Hex 9A2C5C 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 #9A2C5C }  
}
```

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

```
.border{ border-color:#9A2C5C }
```

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

Here you see how a box with a 4 pixel #9A2C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A2C5C; -webkit-box-shadow:4px 4px  
4px 4px #9A2C5C; box-shadow:4px 4px 4px  
4px #9A2C5C }
```

# Background

The CSS property to change the background color of an element to Hex 9A2C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A2C5C }
```

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

```
.background{ background-color:#9A2C5C }
```

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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