

Converting Colors

Hex(9C213D)

Have a look what the booklet for
Hex(9C213D) contains.

Hex(9C213D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9C213D)

Conversions

Conversions Part 1

Format	Color
Hex	9C213D
RGB	156, 33, 61
RGB Percent	61%, 13%, 24%
CMY	0.3882, 0.8706, 0.7608
CMYK	0.00, 0.79, 0.61, 0.39
HSL	346°, 65%, 37%
HSV	346°, 79%, 61%
XYZ	15.0965, 8.4926, 5.2584
YIQ	72.9690, 64.3200, 34.7840

Conversions

Conversions Part 2

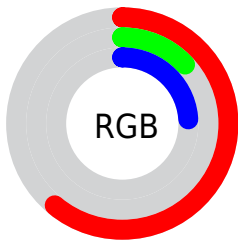
Format	Color
R _Y B	156, 33, 61
Decimal	10232125
CIE Lab	34.99, 51.00, 15.08
CIE LCh	35, 53.184, 16.469
Yxy	8.4926, 0.5233, 0.2944
Android (android.graphics.Color)	4288422205 (0xFF9C213D)
YUV	72.9690, -5.9007, 72.8182
Hunter-Lab	29.1420, 41.4701, 9.7010

Details

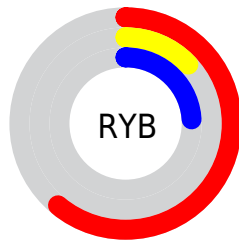
The Hex color **9C213D** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **219C80**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **D85A6C**, and **620013** is the 20% darker color. If you saturate the color by 10%, you get **9C1131**, and if you desaturate by 10%, it is **9C3149**.

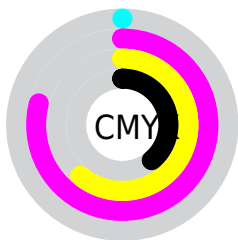
Distribution



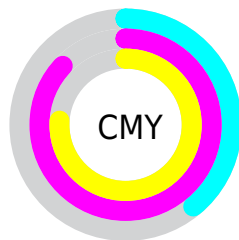
- Red (61%)
- Green (13%)
- Blue (24%)



- Red (61%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (61%)
- Black (39%)



- Cyan (39%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C213D 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 9C213D by changing the saturation by 10% instead.

 9C213D

 9C213D

FFFFFF

 7F0027

 D85A6C

 620013

 F67585

 460000

 FF909F

 2A0001

 FFACBA

 000000

 FFC9D6

 FFE5F2

 9C213D

 9C213D

 9C1131

 9C3149

 9C0225

 9C4055

 9C0024

 9C5061

 9C5F6D

 9C6F79

 9C7F85

 9C8E91

 9C9E9D

 9CADA9

Harmonies

Analogous

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



932467



9C213D



8F3514

Triad

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



9C213D



14600F



005DA5

Complementary

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



9C213D



219C80

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.



00638F



9C213D



00643D

Square

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



9C213D



4F5700



006569



134FA5

Rectangle

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



9C213D



7E4300



006569



0060A0

Sweetspot

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



9C213D



CC9BA6



7F219C



66484F



E6E6E6



666666

Same Dimension

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



9C213D



CC0A36



9C4221



4F4749



8F0021



0F0003

Inverse Universe

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



9C213D



CC0A36



217B9C



4F4749



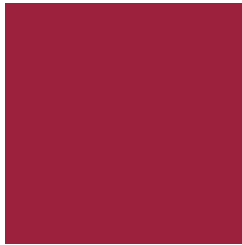
8F0021



0F0003

Previews

White Background



This preview shows how the Hex color 9C213D looks on a white background.

Color Contrast Check

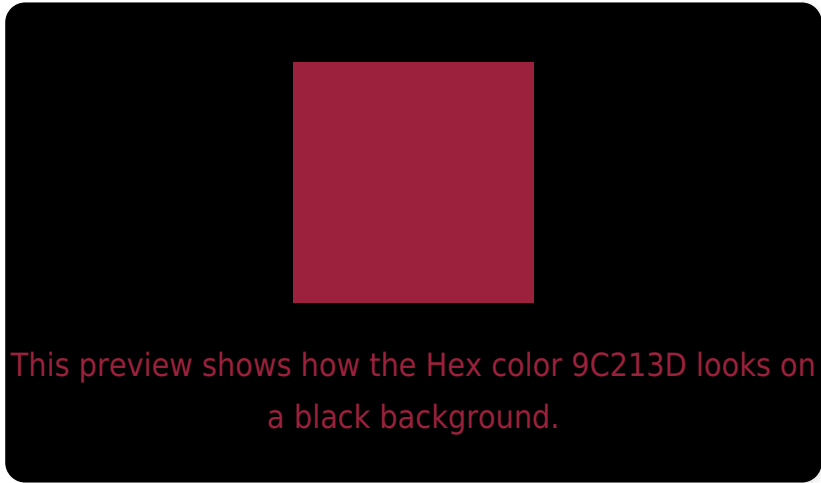
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C213D Background



This preview shows how black text looks on a background with the Hex color 9C213D.

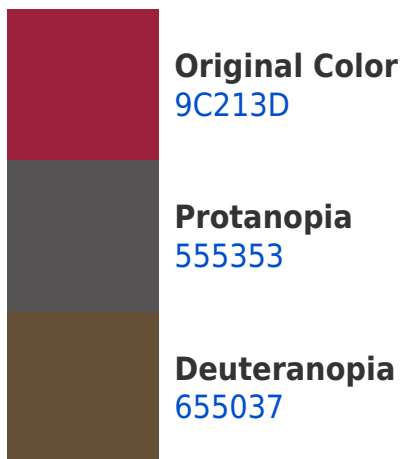


This preview shows how white text looks on a background with the Hex color 9C213D.

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](#).

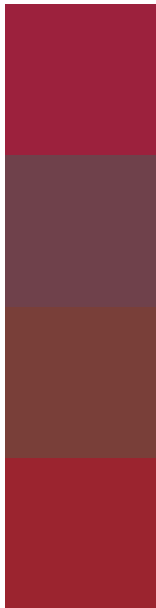
Dichromacy





Tritanopia
9B2627

Trichromacy



Original Color
9C213D

Protanomaly
6F414B

Deuteranomaly
793F39

Tritanomaly
9B242F

Monochromacy



Original Color
9C213D

Achromatopsia
494949

Achromatomaly
673A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C213D 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 #9C213D looks like.

```
.text, #text, p{  
    color:#9C213D  
}
```

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 #9C213D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C213D
}
```

Border

The CSS property to change the border of an element to Hex 9C213D 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
#9C213D }
```

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

```
.border{ border-color:#9C213D }
```

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

Here you see how a box with a 4 pixel #9C213D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C213D; -webkit-box-shadow:4px 4px  
4px 4px #9C213D; box-shadow:4px 4px 4px  
4px #9C213D }
```

Background

The CSS property to change the background color of an element to Hex 9C213D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C213D }
```

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

```
.background{ background-color:#9C213D }
```

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