

# Converting Colors

Hex(9F413D)

Have a look what the booklet for  
Hex(9F413D) contains.

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# Color

**Hex(9F413D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F413D
RGB	159, 65, 61
RGB Percent	62%, 25%, 24%
CMY	0.3765, 0.7451, 0.7608
CMYK	0.00, 0.59, 0.62, 0.38
HSL	2°, 45%, 43%
HSV	2°, 62%, 62%
XYZ	17.0307, 11.4884, 5.7348
YIQ	92.6500, 57.3080, 18.6840

# Conversions

## Conversions Part 2

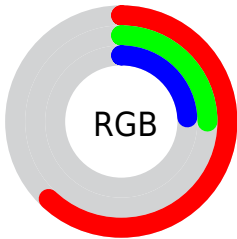
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 65, 61
Decimal	10436925
CIELab	40.39, 38.82, 22.26
CIElCh	40, 44.745, 29.830
Yxy	11.4884, 0.4972, 0.3354
Android (android.graphics.Color)	4288627005 (0xFF9F413D)
YUV	92.6500, -15.6035, 58.1889
Hunter-Lab	33.8946, 30.3735, 13.6947

# Details

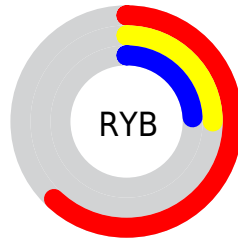
The Hex color **9F413D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3D9B9F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **DA746D**, and **660A13** is the 20% darker color. If you saturate the color by 10%, you get **9F322D**, and if you desaturate by 10%, it is **9F504D**.

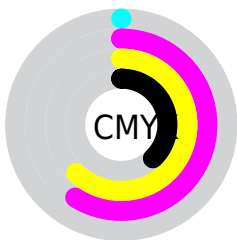
# Distribution



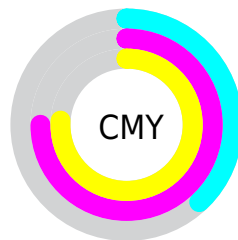
- Red (62%)
- Green (25%)
- Blue (24%)



- Red (62%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (59%)
- Yellow (62%)
- Black (38%)



- Cyan (38%)
- Magenta (75%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F413D 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 9F413D by changing the saturation by 10% instead.



 9F413D

 9F413D

FFFFFF

 822827

 DA746D

 660A13

 F88F86

 4A0000

 FFAAA0

 320002

 FFC6BB

 000000

 FFE2D7

 FFFFF3

 9F413D

 9F413D

 9F322D

 9F504D

 9F221D

 9F605D

 9F130D

 9F6F6D

 9F0600

 9F7E7D

 9F8D8D

 9F9D9C

 9FACAC

 9FBBBC

 9FCACC

# Harmonies

## Analogous

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



9F3C61



9F413D



8E4F1F

# Triad

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



9F413D



116E39



0063A9

# Complementary

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



9F413D



3D9B9F

# 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.



006C9E



9F413D



00705E

# Square

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



9F413D



4D6819



007083



5E569F

# Rectangle

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



9F413D



7C590F



007083



0067A7



# Sweetspot

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



9F413D



CFABA9



9F3D9C



695252



E8E8E8



696969



# Same Dimension

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



9F413D



CF3C36



9F713D



4F4747



8F0600



0F0100



# Inverse Universe

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



3D9B9F



36C8CF



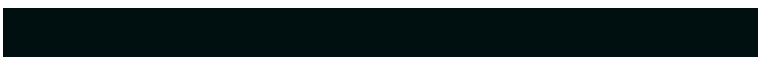
3D6B9F



474F4F



00898F



000F0F



# Previews

## White Background



This preview shows how the Hex color 9F413D looks on a white background.

## Color Contrast Check

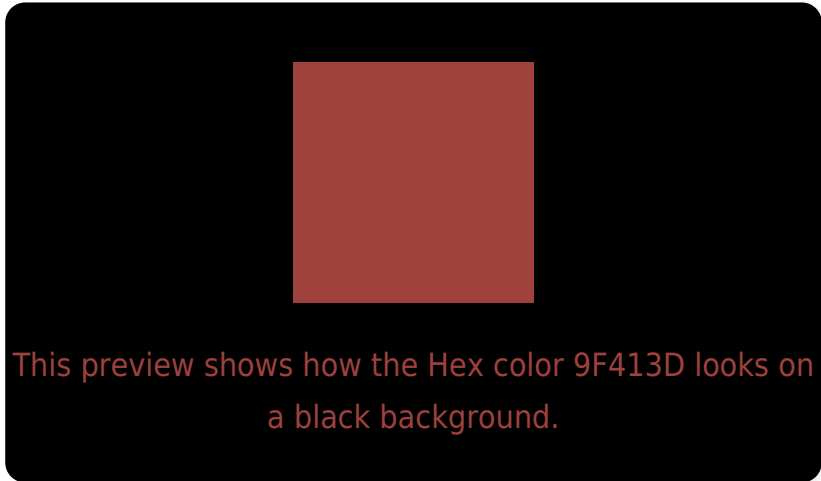
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F413D Background



This preview shows how black text looks on a background with the Hex color 9F413D.



This preview shows how white text looks on a background with the Hex color 9F413D.

# 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**  
9F413D

**Protanopia**  
66604A

**Deuteranopia**  
755C38



**Tritanopia**  
9F4044

# Trichromacy



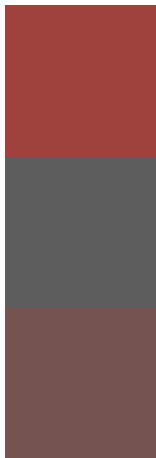
**Original Color**  
9F413D

**Protanomaly**  
7B5545

**Deuteranomaly**  
84523A

**Tritanomaly**  
9F4041

# Monochromacy



**Original Color**  
9F413D

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
755351

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F413D 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 #9F413D looks like.

```
.text, #text, p{  
    color:#9F413D  
}
```

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 #9F413D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F413D
}
```

## Border

The CSS property to change the border of an element to Hex 9F413D is called "border". The border property can be set on classes, ids or directly on the HTML element.

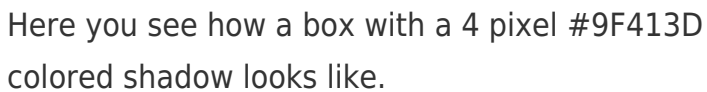
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F413D }
```

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

```
.border{ border-color:#9F413D }
```

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



Here you see how a box with a 4 pixel #9F413D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F413D; -webkit-box-shadow:4px 4px  
4px 4px #9F413D; box-shadow:4px 4px 4px  
4px #9F413D }
```

# Background

The CSS property to change the background color of an element to Hex 9F413D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F413D }
```

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

```
.background{ background-color:#9F413D }
```

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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