

# Converting Colors

Hex(9D3A2F)

Have a look what the booklet for  
Hex(9D3A2F) contains.

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# Color

Hex(9D3A2F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D3A2F
RGB	157, 58, 47
RGB Percent	62%, 23%, 18%
CMY	0.3843, 0.7725, 0.8157
CMYK	0.00, 0.63, 0.70, 0.38
HSL	6°, 54%, 40%
HSV	6°, 70%, 62%
XYZ	15.9308, 10.3994, 3.8570
YIQ	86.3470, 62.5350, 17.5670

# Conversions

## Conversions Part 2

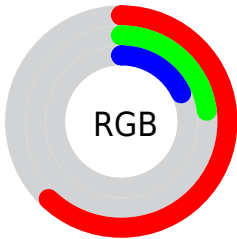
Format	Color
<a href="#">RYB</a>	<a href="#">157, 59, 47</a>
Decimal	<a href="#">10304047</a>
CIELab	<a href="#">38.55, 40.55, 28.37</a>
CIElCh	<a href="#">39, 49.487, 34.976</a>
Yxy	<a href="#">10.3994, 0.5277, 0.3445</a>
Android (android.graphics.Color)	<a href="#">4288494127</a> ( <a href="#">0xFF9D3A2F</a> )
YUV	<a href="#">86.3470, -19.3981, 61.9627</a>
Hunter-Lab	<a href="#">32.2482, 31.7457, 15.4825</a>

# Details

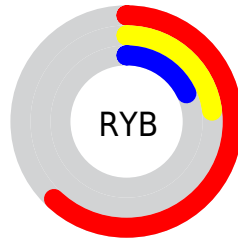
The Hex color **9D3A2F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F929D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D96E5D**, and **630001** is the 20% darker color. If you saturate the color by 10%, you get **9D2C1F**, and if you desaturate by 10%, it is **9D483F**.

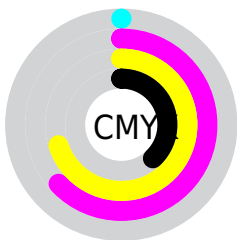
# Distribution



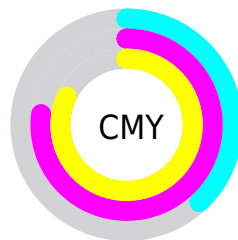
- Red (62%)
- Green (23%)
- Blue (18%)



- Red (62%)
- Yellow (23%)
- Blue (18%)



- Cyan (0%)
- Magenta (63%)
- Yellow (70%)
- Black (38%)



- Cyan (38%)
- Magenta (77%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D3A2F 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 9D3A2F by changing the saturation by 10% instead.



 9D3A2F

 9D3A2F

FFFFFF

 80201A

 D96E5D

 630001

 F78876

 470000

 FFA390

 2E0002

 FFBFAB

 000000

 FFDBC6

 FFF8E2

 9D3A2F

 9D3A2F

 9D2C1F

 9D483F

 9D1E10

 9D564E

 9D1000

 9D645E

 9D736E

 9D817E

 9D8F8D

 9D9D9D

 9DABAD

 9DB9BC

# Harmonies

## Analogous

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



A13056



9D3A2F



884C0A

# Triad

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



9D3A2F



006B37



005DAB

# Complementary

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



9D3A2F



2F929D

# 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.



0068A3



9D3A2F



006D61

# Square

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



9D3A2F



3E650E



006C88



634D9D

# Rectangle

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



9D3A2F



735700



006C88



0062AB



# Sweetspot

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



9D3A2F



CCA5A1



9D2F92



664F4D



E6E6E6



666666



# Same Dimension

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



9D3A2F



CC3221



9D712F



4F4847



8F0E00



0F0200



# Inverse Universe

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



2F929D



21BBCC



2F5B9D



474E4F



00818F



000E0F



# Previews

## White Background



This preview shows how the Hex color 9D3A2F looks on a white background.

## Color Contrast Check

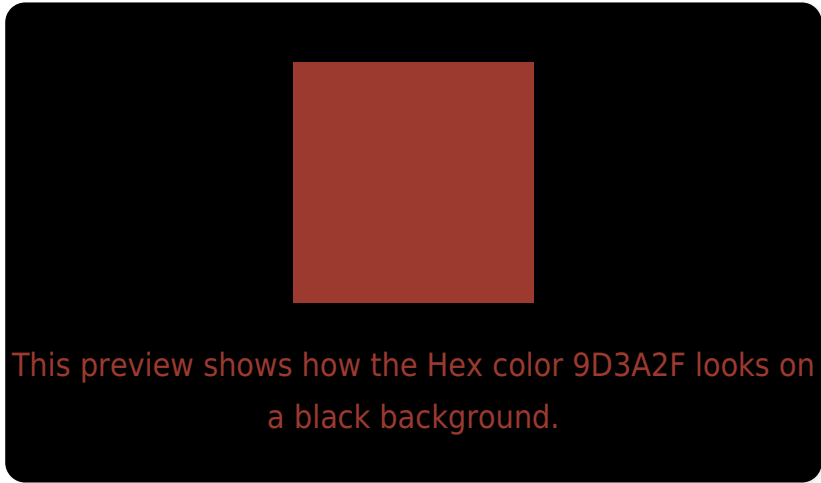
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D3A2F Background



This preview shows how black text looks on a background with the Hex color 9D3A2F.

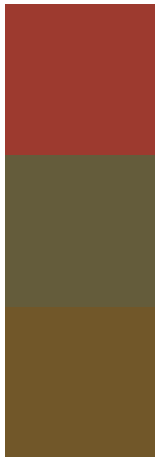


This preview shows how white text looks on a background with the Hex color 9D3A2F.

# 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**  
9D3A2F

**Protanopia**  
645C3B

**Deuteranopia**  
715729



**Tritanopia**  
9E383C

# Trichromacy



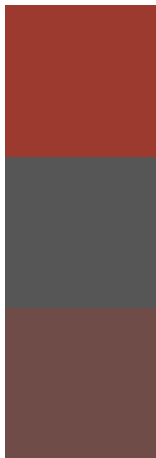
**Original Color**  
9D3A2F

**Protanomaly**  
795037

**Deuteranomaly**  
814C2B

**Tritanomaly**  
9E3937

# Monochromacy



**Original Color**  
9D3A2F

**Achromatopsia**  
565656

**Achromatomaly**  
704C48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D3A2F 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 #9D3A2F looks like.

```
.text, #text, p{  
    color:#9D3A2F  
}
```

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 #9D3A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3A2F
}
```

## Border

The CSS property to change the border of an element to Hex 9D3A2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

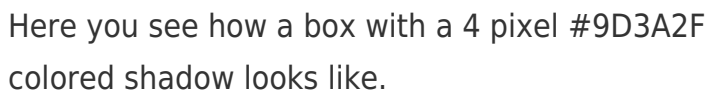
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D3A2F }
```

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

```
.border{ border-color:#9D3A2F }
```

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



Here you see how a box with a 4 pixel #9D3A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3A2F; -webkit-box-shadow:4px 4px  
4px 4px #9D3A2F; box-shadow:4px 4px 4px  
4px #9D3A2F }
```

# Background

The CSS property to change the background color of an element to Hex 9D3A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3A2F }
```

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

```
.background{ background-color:#9D3A2F }
```

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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