

Converting Colors

Hex(9C412D)

Have a look what the booklet for
Hex(9C412D) contains.

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Color

Hex(9C412D)

Conversions

Conversions Part 1

Format	Color
Hex	9C412D
RGB	156, 65, 45
RGB Percent	61%, 25%, 18%
CMY	0.3882, 0.7451, 0.8235
CMYK	0.00, 0.58, 0.71, 0.39
HSL	11°, 55%, 39%
HSV	11°, 71%, 61%
XYZ	16.0743, 11.0380, 3.7660
YIQ	89.9290, 60.6560, 13.0720

Conversions

Conversions Part 2

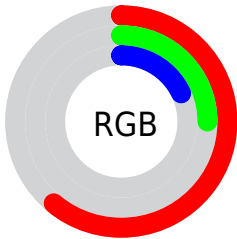
Format	Color
RYB	156, 69, 45
Decimal	10240301
CIELab	39.64, 36.66, 30.78
CIELCh	40, 47.863, 40.015
Yxy	11.0380, 0.5206, 0.3575
Android (android.graphics.Color)	4288430381 (0xFF9C412D)
YUV	89.9290, -22.1500, 57.9443
Hunter-Lab	33.2234, 28.2213, 16.5357

Details

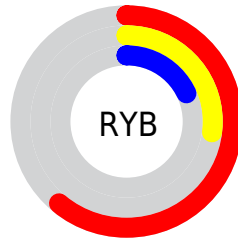
The Hex color **9C412D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2D889C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D7745C**, and **630C00** is the 20% darker color. If you saturate the color by 10%, you get **9C341D**, and if you desaturate by 10%, it is **9C4E3D**.

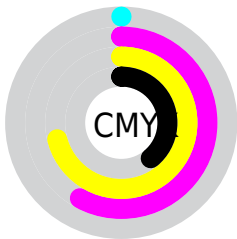
Distribution



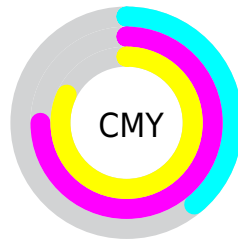
- Red (61%)
- Green (25%)
- Blue (18%)



- Red (61%)
- Yellow (27%)
- Blue (18%)



- Cyan (0%)
- Magenta (58%)
- Yellow (71%)
- Black (39%)



- Cyan (39%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C412D 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 9C412D by changing the saturation by 10% instead.

 9C412D

 9C412D

FFFFFF

 7F2817

 D7745C

 630C00

 F68E74

 460000

 FFA98E

 2E0002

 FFC5A9

 000000

 FFE2C4

 FFFF00

FFFFFFD

 9C412D

 9C412D

 9C341D

 9C4E3D

 9C270E

 9C5B4C

 9C1C00

 9C675C

 9C746B

 9C817B

 9C8E8B

 9C9B9A

 9CA7AA

 9CB4B9

Harmonies

Analogous

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



A33652



9C412D



85520C

Triad

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



9C412D



006E41



165EAB

Complementary

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



9C412D



2D889C

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.



0069A7



9C412D



00706A

Square

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



9C412D



39691C



006E8F



6F4D9A

Rectangle

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



9C412D



705C00



006E8F



0062AC

Sweetspot

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



9C412D



CCA9A1



9C2D89



66514D



E6E6E6



666666

Same Dimension

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



9C412D



CC3E1F



9C772D



4F4947



8F1A00



0F0300

Inverse Universe

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



2D889C



1FADCC



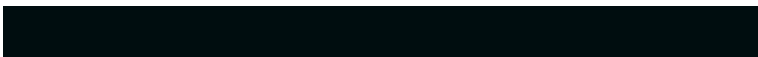
2D529C



474E4F



00758F



000D0F

Previews

White Background



This preview shows how the Hex color 9C412D looks on a white background.

Color Contrast Check

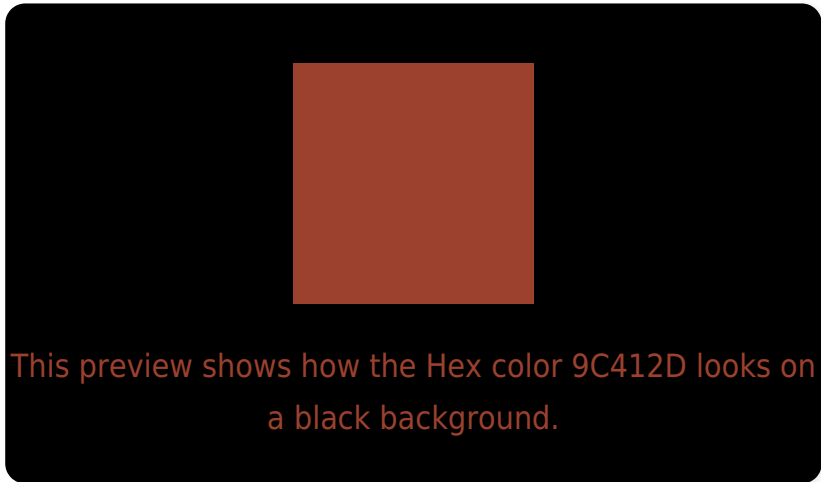
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C412D Background



This preview shows how black text looks on a background with the Hex color 9C412D.

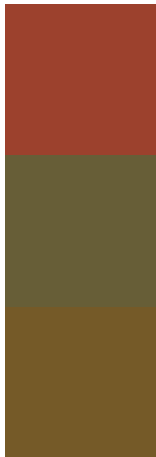


This preview shows how white text looks on a background with the Hex color 9C412D.

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
9C412D

Protanopia
675E37

Deuteranopia
755A28



Tritanopia
9D3E42

Trichromacy



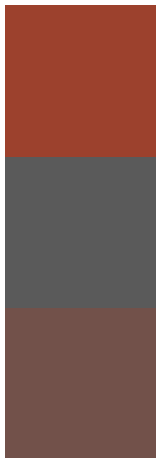
Original Color
9C412D

Protanomaly
7A5333

Deuteranomaly
83512A

Tritanomaly
9D3F3A

Monochromacy



Original Color
9C412D

Achromatopsia
5A5A5A

Achromatomaly
72514A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C412D 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 #9C412D looks like.

```
.text, #text, p{  
    color:#9C412D  
}
```

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 #9C412D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C412D }  
}
```

Border

The CSS property to change the border of an element to Hex 9C412D is called "border". The border property can be set on classes, ids or directly on the HTML element.

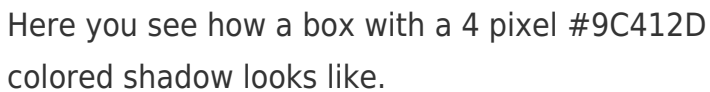
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #9C412D }  
}
```

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

```
.border{ border-color:#9C412D }
```

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



Here you see how a box with a 4 pixel #9C412D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C412D; -webkit-box-shadow:4px 4px  
4px 4px #9C412D; box-shadow:4px 4px 4px  
4px #9C412D }
```

Background

The CSS property to change the background color of an element to Hex 9C412D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C412D }
```

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

```
.background{ background-color:#9C412D }
```

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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