

Converting Colors

Hex(9A402F)

Have a look what the booklet for
Hex(9A402F) contains.

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Color

Hex(9A402F)

Conversions

Conversions Part 1

Format	Color
Hex	9A402F
RGB	154, 64, 47
RGB Percent	60%, 25%, 18%
CMY	0.3961, 0.7490, 0.8157
CMYK	0.00, 0.58, 0.69, 0.40
HSL	10°, 53%, 39%
HSV	10°, 69%, 60%
XYZ	15.6729, 10.7421, 3.9367
YIQ	88.9720, 59.0970, 13.7930

Conversions

Conversions Part 2

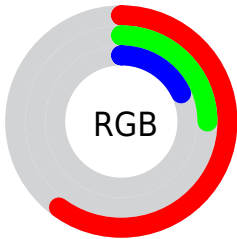
Format	Color
RYB	154, 67, 47
Decimal	10108975
CIELab	39.14, 36.50, 28.94
CIElCh	39, 46.580, 38.411
Yxy	10.7421, 0.5164, 0.3539
Android (android.graphics.Color)	4288299055 (0xFF9A402F)
YUV	88.9720, -20.6922, 57.0296
Hunter-Lab	32.7751, 28.0016, 15.8211

Details

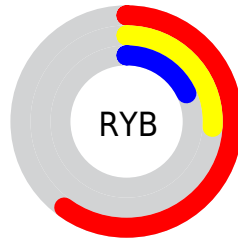
The Hex color **9A402F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F899A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D5735E**, and **610B00** is the 20% darker color. If you saturate the color by 10%, you get **9A3320**, and if you desaturate by 10%, it is **9A4D3E**.

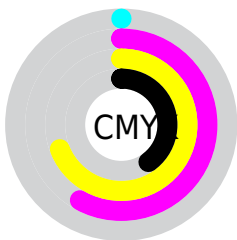
Distribution



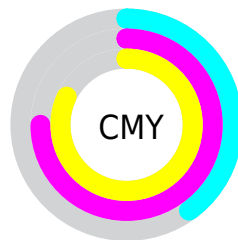
- Red (60%)
- Green (25%)
- Blue (18%)



- Red (60%)
- Yellow (26%)
- Blue (18%)



- Cyan (0%)
- Magenta (58%)
- Yellow (69%)
- Black (40%)



- Cyan (40%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A402F 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 9A402F by changing the saturation by 10% instead.

 9A402F

 9A402F

FFFFFF

 7D2719

 D5735E

 610B00

 F38D76

 450000

 FFA890

 2D0001

 FFC4AB

 000000

 FFE0C6

 FFFDE2

 9A402F

 9A402F

 9A3320

 9A4D3E

 9A2610

 9A5A4E

 9A1901

 9A675D

 9A1800

 9A746D

 9A817C

 9A8E8B

 9A9B9B

 9AA8AA

 9AB5BA

Harmonies

Analogous

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



A03653



9A402F



855010

Triad

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



9A402F



006C3F



0D5DA7

Complementary

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



9A402F



2F899A

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



9A402F



006E66

Square

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



9A402F



3C671B



006D8A



6B4D98

Rectangle

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



9A402F



705A01



006D8A



0061A8

Sweetspot

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



9A402F



C9A69F



9A2F8A



66514D



E6E6E6



666666

Same Dimension

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



9A402F



C93D22



9A752F



4D4645



8C1600



0D0200

Inverse Universe

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



2F899A



22AFC9



2F549A



454B4D



00768C



000B0D

Previews

White Background



This preview shows how the Hex color 9A402F looks on a white background.

Color Contrast Check

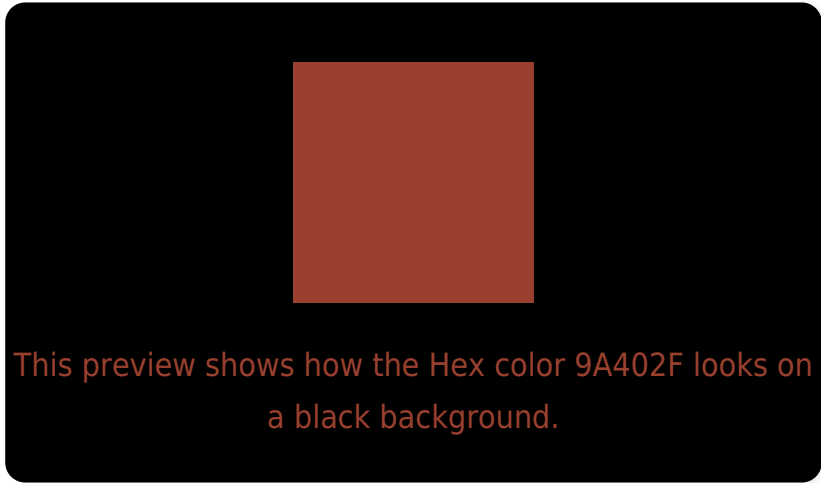
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A402F Background



This preview shows how black text looks on a background with the Hex color 9A402F.



This preview shows how white text looks on a background with the Hex color 9A402F.

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
9A402F

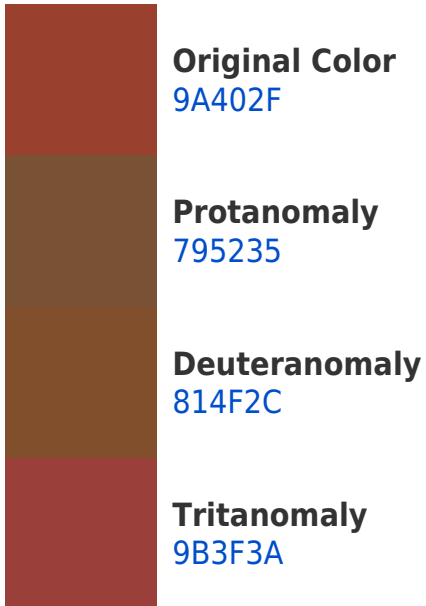
Protanopia
665D39

Deuteranopia
73582A

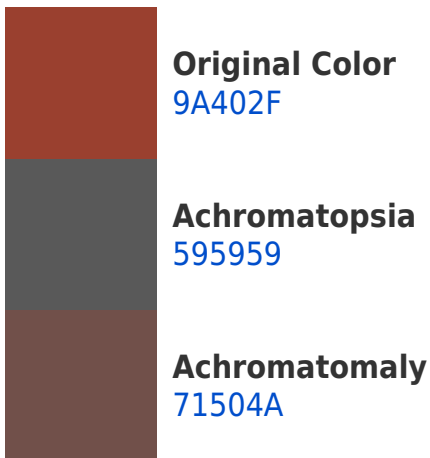


Tritanopia
9B3E41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A402F 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 #9A402F looks like.

```
.text, #text, p{  
  color:#9A402F  
}
```

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 #9A402F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A402F
}
```

Border

The CSS property to change the border of an element to Hex 9A402F is called "border". The border property can be set on classes, ids or directly on the HTML element.

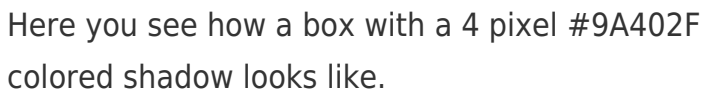
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A402F }
```

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

```
.border{ border-color:#9A402F }
```

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



Here you see how a box with a 4 pixel #9A402F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A402F; -webkit-box-shadow:4px 4px  
4px 4px #9A402F; box-shadow:4px 4px 4px  
4px #9A402F }
```

Background

The CSS property to change the background color of an element to Hex 9A402F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A402F }
```

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

```
.background{ background-color:#9A402F }
```

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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