

Converting Colors

Hex(9B4426)

Have a look what the booklet for
Hex(9B4426) contains.

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Color

Hex(9B4426)

Conversions

Conversions Part 1

Format	Color
Hex	9B4426
RGB	155, 68, 38
RGB Percent	61%, 27%, 15%
CMY	0.3922, 0.7333, 0.8510
CMYK	0.00, 0.56, 0.75, 0.39
HSL	15°, 61%, 38%
HSV	15°, 75%, 61%
XYZ	15.9345, 11.2427, 3.1639
YIQ	90.5930, 61.4820, 9.1140

Conversions

Conversions Part 2

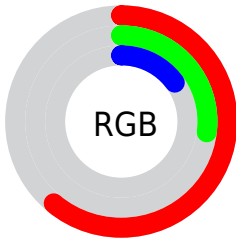
Format	Color
RYB	155, 78, 38
Decimal	10175526
CIELab	39.99, 34.38, 35.04
CIElCh	40, 49.090, 45.546
Yxy	11.2427, 0.5252, 0.3705
Android (android.graphics.Color)	4288365606 (0xFF9B4426)
YUV	90.5930, -25.9283, 56.4849
Hunter-Lab	33.5302, 26.1506, 17.8765

Details

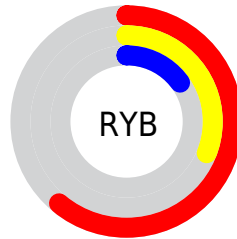
The Hex color **9B4426** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **267D9B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **D67755**, and **621200** is the 20% darker color. If you saturate the color by 10%, you get **9B3817**, and if you desaturate by 10%, it is **9B5036**.

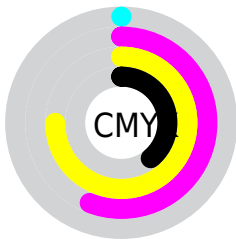
Distribution



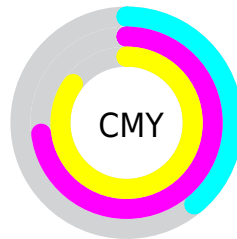
- Red (61%)
- Green (27%)
- Blue (15%)



- Red (61%)
- Yellow (31%)
- Blue (15%)



- Cyan (0%)
- Magenta (56%)
- Yellow (75%)
- Black (39%)



- Cyan (39%)
- Magenta (73%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B4426 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 9B4426 by changing the saturation by 10% instead.

 9B4426

 9B4426

FFFFFF

 7E2B10

 D67755

 621200

 F5916D

 450000

 FFAC87

 2E0002

 FFC8A1

 000000

 FFE4BD

 FFFFD8

 FFFFF5

 9B4426

 9B4426

■ 9B3817

■ 9B5036

■ 9B2D07

■ 9B5B45

■ 9B2800

■ 9B6755

■ 9B7264

■ 9B7E74

■ 9B8983

■ 9B9593

■ 9BA0A2

■ 9BACB2

Harmonies

Analogous

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



A6364B



9B4426



815503

Triad

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



9B4426



007049



325CAC

Complementary

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



9B4426



267D9B

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.



0068AC



9B4426



007173

Square

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



9B4426



2E6B21



006F97



7A4A97

Rectangle

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



9B4426



6B5F00



006F97



0061AE

Sweetspot

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



9B4426



C9A79B



9B267E



665149



E6E6E6



666666

Same Dimension

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



9B4426



C94112



9B7E26



4D4745



8C2400



0D0300

Inverse Universe

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



267D9B



129AC9



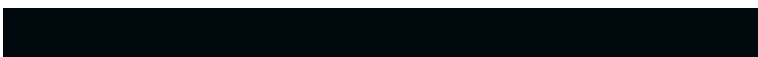
26439B



454B4D



00688C



00090D

Previews

White Background



This preview shows how the Hex color 9B4426 looks on a white background.

Color Contrast Check

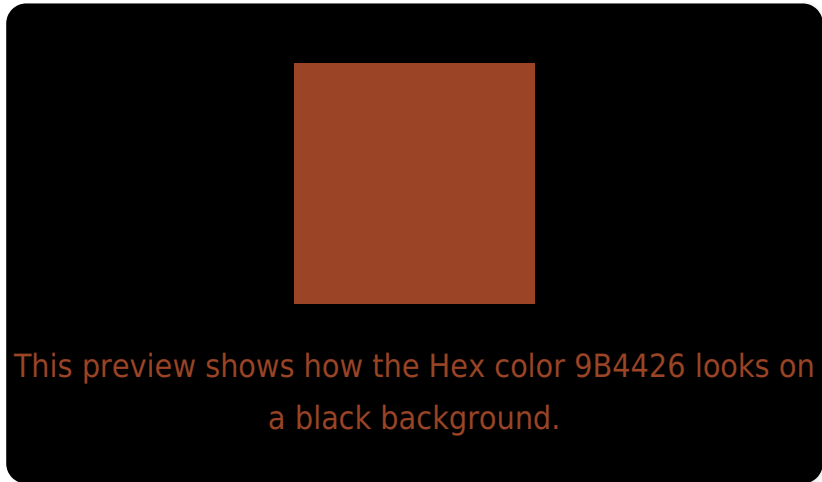
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B4426 Background



This preview shows how black text looks on a background with the Hex color 9B4426.



This preview shows how white text looks on a background with the Hex color 9B4426.

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
9B4426

Protanopia
695F2E

Deuteranopia
775A20



Tritanopia
9C4045

Trichromacy



Original Color
9B4426

Protanomaly
7B552B

Deuteranomaly
845222

Tritanomaly
9C413A

Monochromacy



Original Color
9B4426

Achromatopsia
5B5B5B

Achromatomaly
725348

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B4426 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 #9B4426 looks like.

```
.text, #text, p{  
    color:#9B4426  
}
```

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 #9B4426 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4426
}
```

Border

The CSS property to change the border of an element to Hex 9B4426 is called "border". The border property can be set on classes, ids or directly on the HTML element.

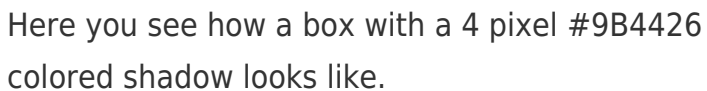
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B4426 }
```

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

```
.border{ border-color:#9B4426 }
```

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



Here you see how a box with a 4 pixel #9B4426 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4426; -webkit-box-shadow:4px 4px  
4px 4px #9B4426; box-shadow:4px 4px 4px  
4px #9B4426 }
```

Background

The CSS property to change the background color of an element to Hex 9B4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4426 }
```

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

```
.background{ background-color:#9B4426 }
```

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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