

# Converting Colors

Hex(99432F)

Have a look what the booklet for  
Hex(99432F) contains.

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**Color**

**Hex(99432F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99432F
RGB	153, 67, 47
RGB Percent	60%, 26%, 18%
CMY	0.4000, 0.7373, 0.8157
CMYK	0.00, 0.56, 0.69, 0.40
HSL	11°, 53%, 39%
HSV	11°, 69%, 60%
XYZ	15.6571, 10.9919, 3.9857
YIQ	90.4340, 57.6760, 12.0120

# Conversions

## Conversions Part 2

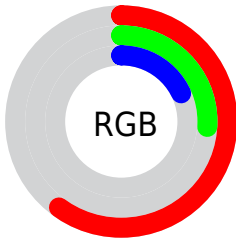
Format	Color
<a href="#">RYB</a>	<a href="#">153, 72, 47</a>
Decimal	<a href="#">10044207</a>
CIELab	<a href="#">39.57, 34.58, 29.40</a>
CIElCh	<a href="#">40, 45.387, 40.370</a>
Yxy	<a href="#">10.9919, 0.5111, 0.3588</a>
Android (android.graphics.Color)	<a href="#">4288234287 (0xFF99432F)</a>
YUV	<a href="#">90.4340, -21.4130, 54.8704</a>
Hunter-Lab	<a href="#">33.1540, 26.2780, 16.0800</a>

# Details

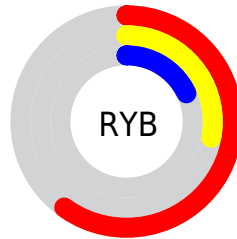
The Hex color **99432F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F8599**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **D4765E**, and **601000** is the 20% darker color. If you saturate the color by 10%, you get **993720**, and if you desaturate by 10%, it is **994F3E**.

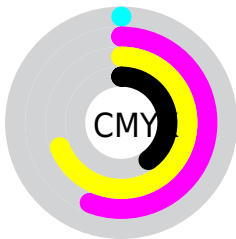
# Distribution



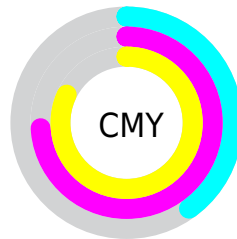
- Red (60%)
- Green (26%)
- Blue (18%)



- Red (60%)
- Yellow (28%)
- Blue (18%)



- Cyan (0%)
- Magenta (56%)
- Yellow (69%)
- Black (40%)



- Cyan (40%)
- Magenta (74%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99432F 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 99432F by changing the saturation by 10% instead.



 99432F

 99432F

FFFFFF

 7C2A19

 D4765E

 601000

 F29077

 440000

 FFAB90

 2D0001

 FFC7AB

 000000

 FFE3C6

 FFFFE2

 99432F

 99432F

 993720

 994F3E

■ 992A10

■ 995C4E

■ 991E01

■ 99685D

■ 991D00

■ 99756C

■ 99817C

■ 998D8B

■ 999A9A

■ 99A6A9

■ 99B3B9

# Harmonies

## Analogous

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



A03952



99432F



835212

# Triad

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



99432F



006D43



245DA6

# Complementary

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



99432F



2F8599

# 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



99432F



006F69

# Square

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



99432F



3B6820



006D8C



6F4E96

# Rectangle

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



99432F



6F5C06



006D8C



0061A7



# Sweetspot

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



99432F



C7A59D



992F86



634F4B



E3E3E3



636363



# Same Dimension

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



99432F



C74122



99772F



4D4645



8C1A00



0D0200



# Inverse Universe

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



2F8599



22A8C7



2F5199



454B4D



00728C

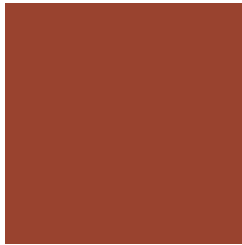


000A0D



# Previews

## White Background



This preview shows how the Hex color 99432F looks on a white background.

## Color Contrast Check

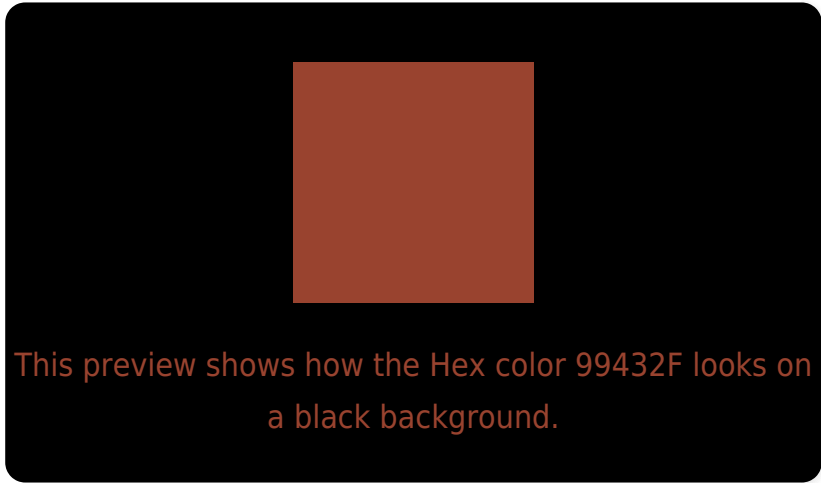
Large Text (above 18pt) WCAG AA ✓ Pass

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 99432F Background



This preview shows how black text looks on a background with the Hex color 99432F.



This preview shows how white text looks on a background with the Hex color 99432F.

# 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





**Tritanopia**  
9A4044

# Trichromacy



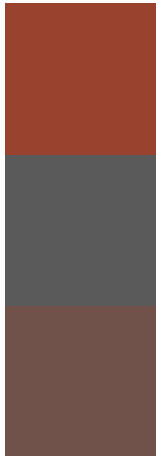
**Original Color**  
99432F

**Protanomaly**  
795435

**Deuteranomaly**  
81512C

**Tritanomaly**  
9A413C

# Monochromacy



**Original Color**  
99432F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
71524A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99432F 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 #99432F looks like.

```
.text, #text, p{  
    color:#99432F  
}
```

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 #99432F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99432F
}
```

## Border

The CSS property to change the border of an element to Hex 99432F is called "border". The border property can be set on classes, ids or directly on the HTML element.

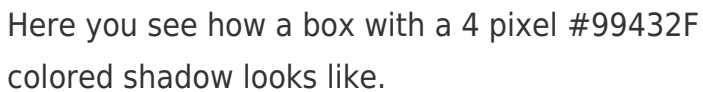
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99432F }
```

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

```
.border{ border-color:#99432F }
```

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



Here you see how a box with a 4 pixel #99432F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99432F; -webkit-box-shadow:4px 4px  
4px 4px #99432F; box-shadow:4px 4px 4px  
4px #99432F }
```

# Background

The CSS property to change the background color of an element to Hex 99432F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99432F }
```

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

```
.background{ background-color:#99432F }
```

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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