

Converting Colors

Hex(99321F)

Have a look what the booklet for
Hex(99321F) contains.

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Color

Hex(99321F)

Conversions

Conversions Part 1

Format	Color
Hex	99321F
RGB	153, 50, 31
RGB Percent	60%, 20%, 12%
CMY	0.4000, 0.8039, 0.8784
CMYK	0.00, 0.67, 0.80, 0.40
HSL	9°, 66%, 36%
HSV	9°, 80%, 60%
XYZ	14.5248, 9.1524, 2.2974
YIQ	78.6310, 67.4870, 15.9270

Conversions

Conversions Part 2

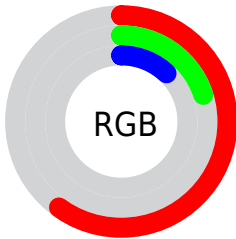
Format	Color
R_{YB}	153, 54, 31
Decimal	10039839
CIE _{Lab}	36.28, 41.99, 34.87
CIE _{LCh}	36, 54.578, 39.705
Yxy	9.1524, 0.5592, 0.3524
Android (android.graphics.Color)	4288229919 (0xFF99321F)
YUV	78.6310, -23.4821, 65.2216
Hunter-Lab	30.2530, 32.7571, 16.6747

Details

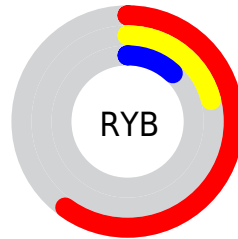
The Hex color **99321F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F8699**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **D5664D**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **992510**, and if you desaturate by 10%, it is **993F2E**.

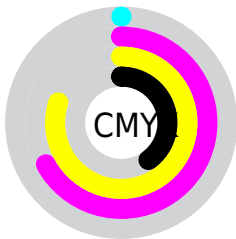
Distribution



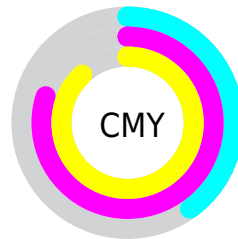
- Red (60%)
- Green (20%)
- Blue (12%)



- Red (60%)
- Yellow (21%)
- Blue (12%)



- Cyan (0%)
- Magenta (67%)
- Yellow (80%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99321F 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 99321F by changing the saturation by 10% instead.

 99321F

 99321F

FFFFFF

 7B1609

 D5664D

 5F0000

 F48065

 420000

 FF9B7E

 270001

 FFB798

 000000

 FFD3B3

 FFF0CF

 FFFFEB

 99321F

 99321F

■ 992510

■ 993F2E

■ 991800

■ 994C3E

■ 99594D

■ 99665C

■ 99736B

■ 99807B

■ 998C8A

■ 999999

■ 99A6A9

Harmonies

Analogous

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



A22049



99321F



804800

Triad

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



99321F



006735



0056AD

Complementary

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



99321F



1F8699

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.



0062A8



99321F



006963

Square

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



99321F



296201



00688D



674299

Rectangle

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



99321F



685300



00688D



005BAE

Sweetspot

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



99321F



C79F97



991F87



634B47



E3E3E3



636363

Same Dimension

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



99321F



C72608



996E1F



4D4645



8C1600



0D0200

Inverse Universe

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



1F8699



08A9C7



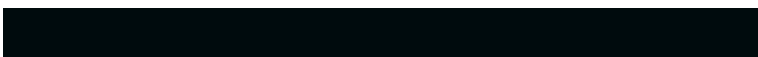
1F4A99



454B4D



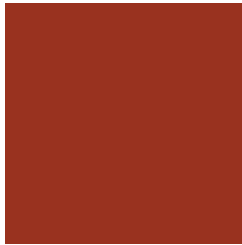
00768C



000B0D

Previews

White Background



This preview shows how the Hex color 99321F looks on a white background.

Color Contrast Check

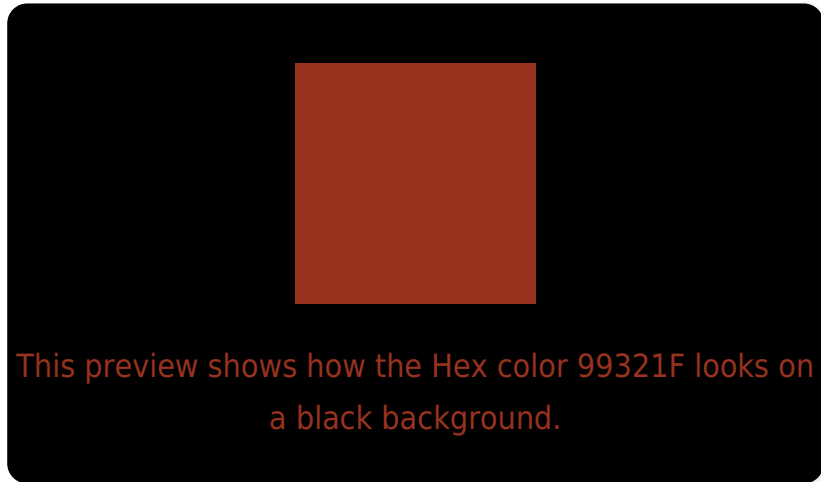
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

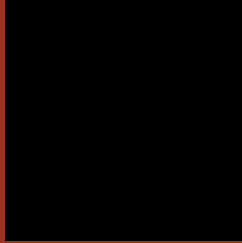
Any Text WCAG AA × Fail

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 99321F Background



This preview shows how black text looks on a background with the Hex color 99321F.



This preview shows how white text looks on a background with the Hex color 99321F.

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
99321F

Protanopia
605629

Deuteranopia
6D5216

Trichromacy



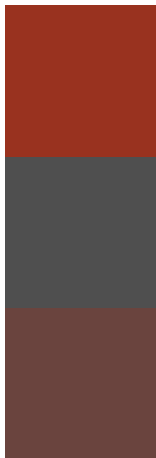
Original Color
99321F

Protanomaly
754925

Deuteranomaly
7D4619

Tritanomaly
9A312B

Monochromacy



Original Color
99321F

Achromatopsia
4F4F4F

Achromatomaly
6A443E

CSS Examples

Text

The CSS property to change the color of the text to Hex 99321F 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 #99321F looks like.

```
.text, #text, p{  
    color:#99321F  
}
```

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 #99321F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99321F
}
```

Border

The CSS property to change the border of an element to Hex 99321F is called "border". The border property can be set on classes, ids or directly on the HTML element.

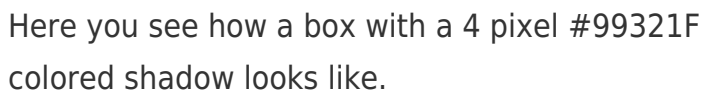
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99321F }
```

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

```
.border{ border-color:#99321F }
```

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



Here you see how a box with a 4 pixel #99321F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99321F; -webkit-box-shadow:4px 4px  
4px 4px #99321F; box-shadow:4px 4px 4px  
4px #99321F }
```

Background

The CSS property to change the background color of an element to Hex 99321F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99321F }
```

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

```
.background{ background-color:#99321F }
```

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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