

# Converting Colors

Hex(9B291F)

Have a look what the booklet for  
Hex(9B291F) contains.

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# Color

Hex(9B291F)

# Conversions

## Conversions Part 1

Format	Color
Hex	9B291F
RGB	155, 41, 31
RGB Percent	61%, 16%, 12%
CMY	0.3922, 0.8392, 0.8784
CMYK	0.00, 0.74, 0.80, 0.39
HSL	5°, 67%, 36%
HSV	5°, 80%, 61%
XYZ	14.5578, 8.6534, 2.1993
YIQ	73.9460, 71.1540, 21.0580

# Conversions

## Conversions Part 2

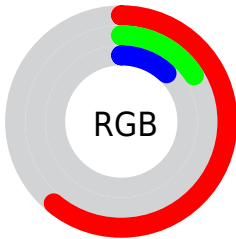
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 42, 31
Decimal	10168607
CIE <sub>Lab</sub>	35.31, 46.36, 33.99
CIE <sub>LCh</sub>	35, 57.491, 36.249
Yxy	8.6534, 0.5729, 0.3405
Android (android.graphics.Color)	4288358687 (0xFF9B291F)
YUV	73.9460, -21.1724, 71.0844
Hunter-Lab	29.4166, 36.8579, 16.1589

# Details

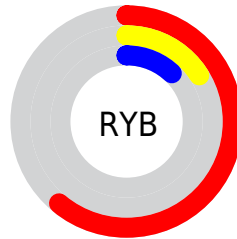
The Hex color **9B291F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F919B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **D85F4C**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9B1B0F**, and if you desaturate by 10%, it is **9B372F**.

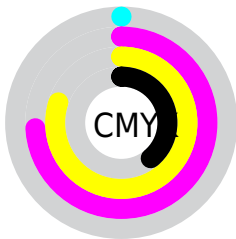
# Distribution



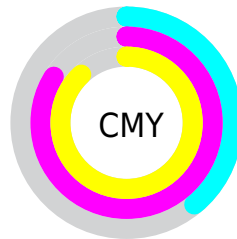
- Red (61%)
- Green (16%)
- Blue (12%)



- Red (61%)
- Yellow (16%)
- Blue (12%)



- Cyan (0%)
- Magenta (74%)
- Yellow (80%)
- Black (39%)



- Cyan (39%)
- Magenta (84%)
- Yellow (88%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B291F 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 9B291F by changing the saturation by 10% instead.



 9B291F

 9B291F

FFFFFF

 7D0609

 D85F4C

 600000

 F77964

 430000

 FF947E

 270001

 FFB098

 000000

 FFCCB2

 FFE9CE

 FFFFEA

 9B291F

 9B291F

■ 9B1B0F

■ 9B372F

■ 9B0D00

■ 9B463E

■ 9B544E

■ 9B625D

■ 9B706C

■ 9B7E7C

■ 9B8D8B

■ 9B9B9B

■ 9BA9AB

# Harmonies

## Analogous

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



A2134C



9B291F



824200

# Triad

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



9B291F



00642B



0056B0

# Complementary

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



9B291F



1F919B

# 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



9B291F



00675C

# Square

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



9B291F



2A5F00



006689



5D429E

# Rectangle

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



9B291F



6B4F00



006689



005BB0



# Sweetspot

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



9B291F



C99D99



9B1F93



664B48



E6E6E6



666666



# Same Dimension

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



9B291F



C91808



9B651F



4D4545



8C0B00



0D0100



# Inverse Universe

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



1F919B



08BAC9



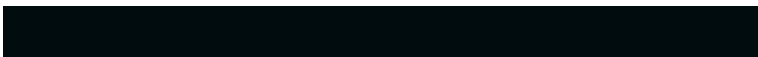
1F559B



454C4D



00818C



000C0D



# Previews

## White Background



This preview shows how the Hex color 9B291F looks on a white background.

## Color Contrast Check

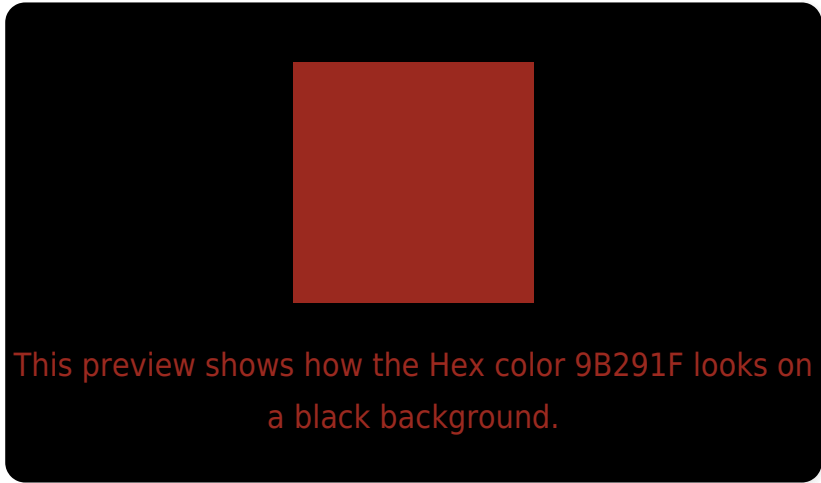
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B291F Background



This preview shows how black text looks on a background with the Hex color 9B291F.

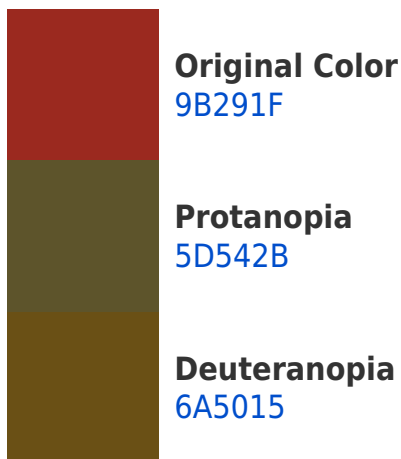


This preview shows how white text looks on a background with the Hex color 9B291F.

# 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**  
9B2829

# Trichromacy



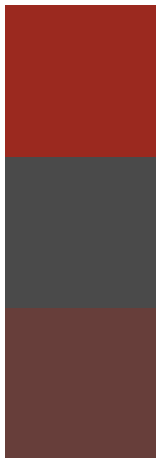
**Original Color**  
9B291F

**Protanomaly**  
744427

**Deuteranomaly**  
7C4219

**Tritanomaly**  
9B2825

# Monochromacy



**Original Color**  
9B291F

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
673E3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B291F 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 #9B291F looks like.

```
.text, #text, p{  
    color:#9B291F  
}
```

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 #9B291F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B291F
}
```

## Border

The CSS property to change the border of an element to Hex 9B291F is called "border". The border property can be set on classes, ids or directly on the HTML element.

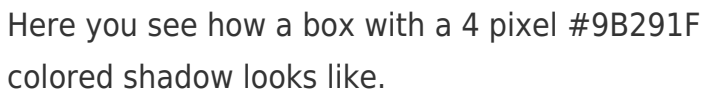
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B291F }
```

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

```
.border{ border-color:#9B291F }
```

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



Here you see how a box with a 4 pixel #9B291F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B291F; -webkit-box-shadow:4px 4px  
4px 4px #9B291F; box-shadow:4px 4px 4px  
4px #9B291F }
```

# Background

The CSS property to change the background color of an element to Hex 9B291F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B291F }
```

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

```
.background{ background-color:#9B291F }
```

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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