

Converting Colors

Hex(7F291A)

Have a look what the booklet for
Hex(7F291A) contains.

Hex(7F291A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7F291A)

Conversions

Conversions Part 1

Format	Color
Hex	7F291A
RGB	127, 41, 26
RGB Percent	50%, 16%, 10%
CMY	0.5020, 0.8392, 0.8980
CMYK	0.00, 0.68, 0.80, 0.50
HSL	9°, 66%, 30%
HSV	9°, 80%, 50%
XYZ	9.7318, 6.1725, 1.6558
YIQ	65.0040, 56.0710, 13.5670

Conversions

Conversions Part 2

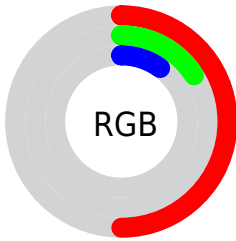
Format	Color
R_{YB}	127, 44, 26
Decimal	8333594
CIE _{Lab}	29.84, 36.31, 29.49
CIE _{LCh}	30, 46.779, 39.082
Yxy	6.1725, 0.5542, 0.3515
Android (android.graphics.Color)	4286523674 (0xFF7F291A)
YUV	65.0040, -19.2290, 54.3705
Hunter-Lab	24.8445, 26.4421, 13.4397

Details

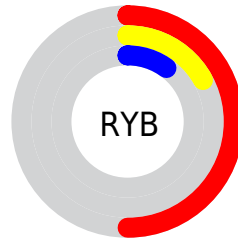
The Hex color **7F291A** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1A707F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **B95B46**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **7F1E0D**, and if you desaturate by 10%, it is **7F3427**.

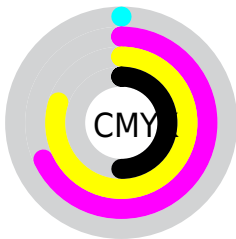
Distribution



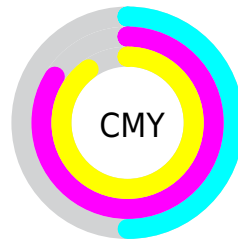
- Red (50%)
- Green (16%)
- Blue (10%)



- Red (50%)
- Yellow (17%)
- Blue (10%)



- Cyan (0%)
- Magenta (68%)
- Yellow (80%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F291A 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 7F291A by changing the saturation by 10% instead.

 7F291A

 7F291A

FFFFFF

 630E01

 B95B46

 470000

 D7755E

 2F0002

 F58F77

 000000

 FFAA91

 FFC6AC

 FFE2C7

 FFFF3

 7F291A

 7F291A

■ 7F1E0D

■ 7F3427

■ 7F1301

■ 7F3F33

■ 7F1300

■ 7F4940

■ 7F544D

■ 7F5F59

■ 7F6A66

■ 7F7573

■ 7F8080

■ 7F8A8C

Harmonies

Analogous

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



861B3D



7F291A



6A3B00

Triad

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



7F291A



00552B



00478F

Complementary

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



7F291A



1A707F

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.



00518A



7F291A



005651

Square

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



7F291A



235002



005674



54377F

Rectangle

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



7F291A



574400



005674



004B90

Sweetspot

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



7F291A



A6847E



7F1A72



543F3C



D4D4D4



545454

Same Dimension

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



7F291A



A62008



7F5A1A



403A39



801300



000000

Inverse Universe

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



1A707F



088EA6



1A3F7F



393F40



006D80



000000

Previews

White Background



This preview shows how the Hex color 7F291A looks on a white background.

Color Contrast Check

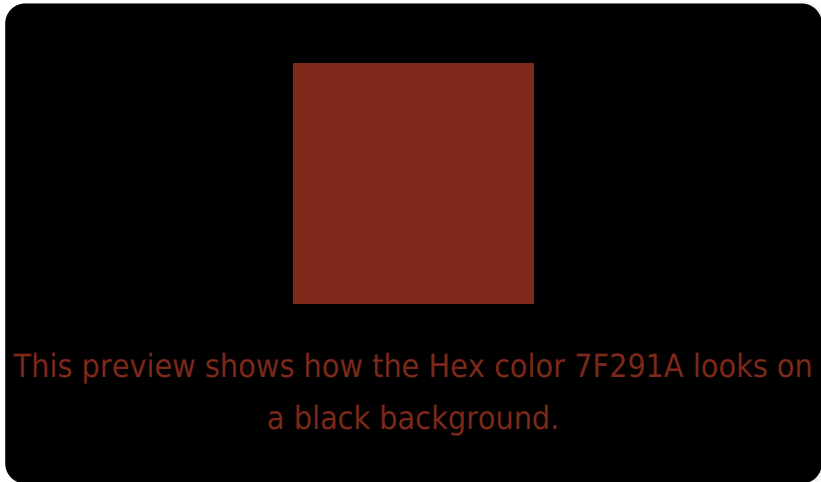
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F291A Background



This preview shows how black text looks on a background with the Hex color 7F291A.

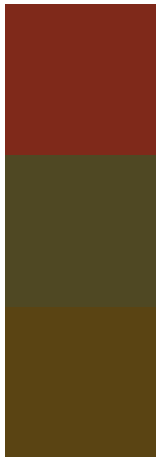


This preview shows how white text looks on a background with the Hex color 7F291A.

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
7F291A

Protanopia
4F4823

Deuteranopia
5A4413



Tritanopia
7F2729

Trichromacy



Original Color
7F291A

Protanomaly
603D20

Deuteranomaly
673A16

Tritanomaly
7F2824

Monochromacy



Original Color
7F291A

Achromatopsia
414141

Achromatomaly
583833

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F291A 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 #7F291A looks like.

```
.text, #text, p{  
    color:#7F291A  
}
```

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 #7F291A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F291A
}
```

Border

The CSS property to change the border of an element to Hex 7F291A is called "border". The border property can be set on classes, ids or directly on the HTML element.

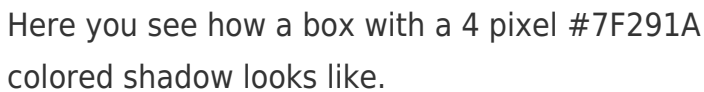
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F291A }
```

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

```
.border{ border-color:#7F291A }
```

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



Here you see how a box with a 4 pixel #7F291A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F291A; -webkit-box-shadow:4px 4px  
4px 4px #7F291A; box-shadow:4px 4px 4px  
4px #7F291A }
```

Background

The CSS property to change the background color of an element to Hex 7F291A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F291A }
```

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

```
.background{ background-color:#7F291A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor