

Converting Colors

Hex(7F311E)

Have a look what the booklet for
Hex(7F311E) contains.

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Color

Hex(7F311E)

Conversions

Conversions Part 1

Format	Color
Hex	7F311E
RGB	127, 49, 30
RGB Percent	50%, 19%, 12%
CMY	0.5020, 0.8078, 0.8824
CMYK	0.00, 0.61, 0.76, 0.50
HSL	12°, 62%, 31%
HSV	12°, 76%, 50%
XYZ	10.0851, 6.8024, 2.0097
YIQ	70.1560, 52.5870, 10.6270

Conversions

Conversions Part 2

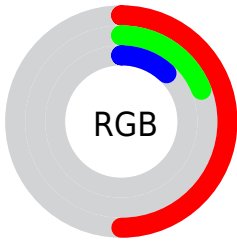
Format	Color
R_{YB}	127, 54, 30
Decimal	8335646
CIE _{Lab}	31.35, 32.60, 28.79
CIE _{LCh}	31, 43.493, 41.443
Yxy	6.8024, 0.5337, 0.3600
Android (android.graphics.Color)	4286525726 (0xFF7F311E)
YUV	70.1560, -19.7969, 49.8522
Hunter-Lab	26.0814, 23.3793, 13.6883

Details

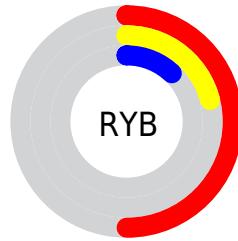
The Hex color **7F311E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1E6C7F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B9624B**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **7F2711**, and if you desaturate by 10%, it is **7F3B2B**.

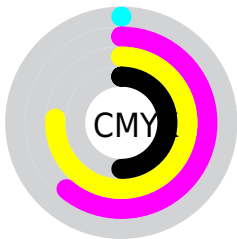
Distribution



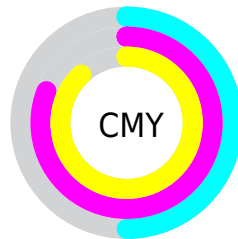
- Red (50%)
- Green (19%)
- Blue (12%)



- Red (50%)
- Yellow (21%)
- Blue (12%)



- Cyan (0%)
- Magenta (61%)
- Yellow (76%)
- Black (50%)



- Cyan (50%)
- Magenta (81%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F311E 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 7F311E by changing the saturation by 10% instead.

 7F311E

 7F311E

FFFFFF

 631807


 B9624B

 470000

 D67C63

 2F0001

 F4967C

 000000

 FFB296

 FFCDB1

 FFEACC

 FFFFEE9

 7F311E

 7F311E

■ 7F2711

■ 7F3B2B

■ 7F1D05

■ 7F4537

■ 7F1900

■ 7F5044

■ 7F5A51

■ 7F645E

■ 7F6E6A

■ 7F7877

■ 7F8384

■ 7F8D90

Harmonies

Analogous

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



86263E



7F311E



6B4000

Triad

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



7F311E



005833



08498D

Complementary

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



7F311E



1E6C7F

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.



00538A



7F311E



005956

Square

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



7F311E



275410



005876



5B3A7D

Rectangle

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



7F311E



584900



005876



004D8E

Sweetspot

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



7F311E



A68780



7F1E6D



54413D



D4D4D4



545454

Same Dimension

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



7F311E



A62B0D



7F601E



403B39



801900



000000

Inverse Universe

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



1E6C7F



0D88A6



1E3D7F



393F40



006780



000000

Previews

White Background



This preview shows how the Hex color 7F311E 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

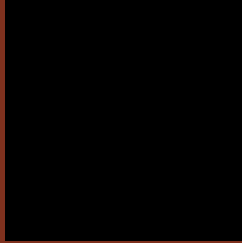
Any Text WCAG AA × Fail

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 7F311E Background



This preview shows how black text looks on a background with the Hex color 7F311E.



This preview shows how white text looks on a background with the Hex color 7F311E.

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
7F311E

Protanopia
534B26

Deuteranopia
5E4718



Tritanopia
802F31

Trichromacy



Original Color
7F311E

Protanomaly
634223

Deuteranomaly
6A3F1A

Tritanomaly
80302A

Monochromacy



Original Color
7F311E

Achromatopsia
464646

Achromatomaly
5B3E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F311E 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 #7F311E looks like.

```
.text, #text, p{  
    color:#7F311E  
}
```

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 #7F311E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F311E
}
```

Border

The CSS property to change the border of an element to Hex 7F311E is called "border". The border property can be set on classes, ids or directly on the HTML element.

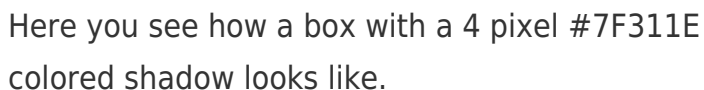
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F311E }
```

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

```
.border{ border-color:#7F311E }
```

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



Here you see how a box with a 4 pixel #7F311E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F311E; -webkit-box-shadow:4px 4px  
4px 4px #7F311E; box-shadow:4px 4px 4px  
4px #7F311E }
```

Background

The CSS property to change the background color of an element to Hex 7F311E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F311E }
```

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

```
.background{ background-color:#7F311E }
```

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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