

Converting Colors

Hex(7A271F)

Have a look what the booklet for
Hex(7A271F) contains.

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Color

Hex(7A271F)

Conversions

Conversions Part 1

Format	Color
Hex	7A271F
RGB	122, 39, 31
RGB Percent	48%, 15%, 12%
CMY	0.5216, 0.8471, 0.8784
CMYK	0.00, 0.68, 0.75, 0.52
HSL	5°, 59%, 30%
HSV	5°, 75%, 48%
XYZ	8.9989, 5.6875, 1.9198
YIQ	62.9050, 52.0360, 15.1080

Conversions

Conversions Part 2

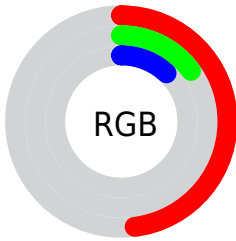
Format	Color
R_{YB}	122, 40, 31
Decimal	8005407
CIE _{Lab}	28.61, 35.60, 24.86
CIE _{LCh}	29, 43.422, 34.924
Yxy	5.6875, 0.5419, 0.3425
Android (android.graphics.Color)	4286195487 (0xFF7A271F)
YUV	62.9050, -15.7292, 51.8263
Hunter-Lab	23.8486, 25.6192, 11.9211

Details

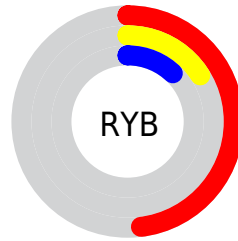
The Hex color **7A271F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F727A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B4594B**, and **430000** is the 20% darker color. If you saturate the color by 10%, you get **7A1C13**, and if you desaturate by 10%, it is **7A322B**.

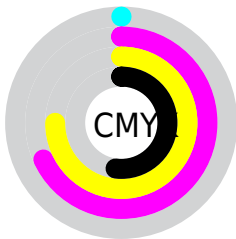
Distribution



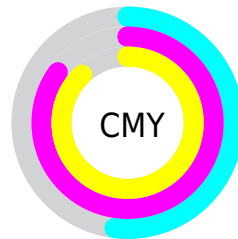
- Red (48%)
- Green (15%)
- Blue (12%)



- Red (48%)
- Yellow (16%)
- Blue (12%)



- Cyan (0%)
- Magenta (68%)
- Yellow (75%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A271F 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 7A271F by changing the saturation by 10% instead.

 7A271F

 7A271F

FFFFFF

 5E0C09

 B4594B

 430000

 D17263

 2A0001

 EF8D7C

 000000

 FFA896

 FFC3B1

 FFE0CD

 FFFDE9

 7A271F

 7A271F

■ 7A1C13

■ 7A322B

■ 7A1107

■ 7A3D37

■ 7A0B00

■ 7A4844

■ 7A5450

■ 7A5F5C

■ 7A6A68

■ 7A7574

■ 7A8081

■ 7A8B8D

Harmonies

Analogous

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



7E1D3F



7A271F



683700

Triad

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



7A271F



005125



004687

Complementary

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



7A271F



1F727A

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.



004E80



7A271F



005248

Square

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



7A271F



2A4C02



005269



4A387B

Rectangle

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



7A271F



574000



005269



004987

Sweetspot

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



7A271F



9E7E7B



7A1F72



4F3C3A



CFCFCF



4F4F4F

Same Dimension

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



7A271F



9E1C10



7A541F



3D3837



7D0B00



FC1600

Inverse Universe

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



1F727A



10929E



1F457A



373D3D



00727D



00E6FC

Previews

White Background



This preview shows how the Hex color 7A271F 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 7A271F Background



This preview shows how black text looks on a background with the Hex color 7A271F.

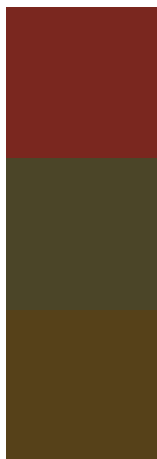


This preview shows how white text looks on a background with the Hex color 7A271F.

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
7A271F

Protanopia
4B4528

Deuteranopia
564119



Tritanopia
7A2628

Trichromacy



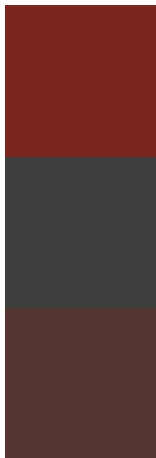
Original Color
7A271F

Protanomaly
5C3A25

Deuteranomaly
63381B

Tritanomaly
7A2625

Monochromacy



Original Color
7A271F

Achromatopsia
3F3F3F

Achromatomaly
543633

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A271F 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 #7A271F looks like.

```
.text, #text, p{  
    color:#7A271F  
}
```

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 #7A271F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A271F
}
```

Border

The CSS property to change the border of an element to Hex 7A271F is called "border". The border property can be set on classes, ids or directly on the HTML element.

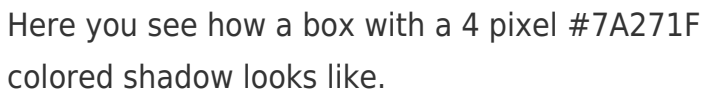
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A271F }
```

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

```
.border{ border-color:#7A271F }
```

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



Here you see how a box with a 4 pixel #7A271F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A271F; -webkit-box-shadow:4px 4px  
4px 4px #7A271F; box-shadow:4px 4px 4px  
4px #7A271F }
```

Background

The CSS property to change the background color of an element to Hex 7A271F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A271F }
```

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

```
.background{ background-color:#7A271F }
```

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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