

Converting Colors

Hex(7F2B1F)

Have a look what the booklet for
Hex(7F2B1F) contains.

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Color

Hex(7F2B1F)

Conversions

Conversions Part 1

Format	Color
Hex	7F2B1F
RGB	127, 43, 31
RGB Percent	50%, 17%, 12%
CMY	0.5020, 0.8314, 0.8784
CMYK	0.00, 0.66, 0.76, 0.50
HSL	8°, 61%, 31%
HSV	8°, 76%, 50%
XYZ	9.8636, 6.3387, 1.9999
YIQ	66.7480, 53.9160, 14.0760

Conversions

Conversions Part 2

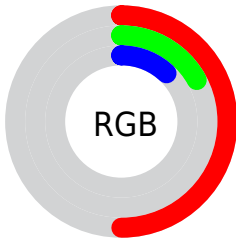
Format	Color
RYB	127, 45, 31
Decimal	8334111
CIELab	30.25, 35.61, 26.97
CIELCh	30, 44.669, 37.148
Yxy	6.3387, 0.5419, 0.3482
Android (android.graphics.Color)	4286524191 (0xFF7F2B1F)
YUV	66.7480, -17.6238, 52.8410
Hunter-Lab	25.1768, 25.8722, 12.9140

Details

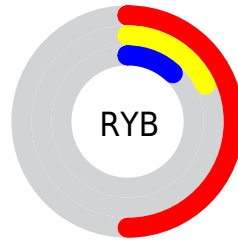
The Hex color **7F2B1F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F737F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B95D4C**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **7F2012**, and if you desaturate by 10%, it is **7F362C**.

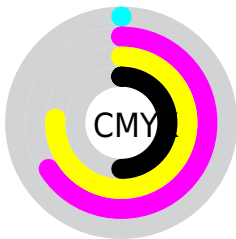
Distribution



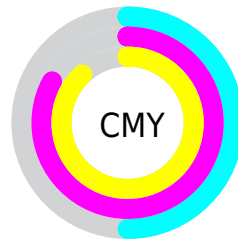
- Red (50%)
- Green (17%)
- Blue (12%)



- Red (50%)
- Yellow (18%)
- Blue (12%)



- Cyan (0%)
- Magenta (66%)
- Yellow (76%)
- Black (50%)



- Cyan (50%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F2B1F 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 7F2B1F by changing the saturation by 10% instead.



7F2B1F



7F2B1F

FFFFFF



631109



B95D4C



470000



D77764



2F0001



F5917D



000000



FFAC97



FFC8B2



FFE4CD



FFFFE9



7F2B1F



7F2B1F

 7F2012

 7F362C

 7F1506

 7F4138

 7F1000

 7F4C45

 7F5752

 7F635F

 7F6E6B

 7F7978

 7F8485

 7F8F91

Harmonies

Analogous

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



842040



7F2B1F



6C3B00

Triad

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



7F2B1F



00552B



00498D

Complementary

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



7F2B1F



1F737F

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.



005287



7F2B1F



00574F

Square

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



7F2B1F



2A5105



005671



523A7F

Rectangle

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



7F2B1F



5A4500



005671



004D8D

Sweetspot

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



7F2B1F



A68480



7F1F74



54403D



D4D4D4



545454

Same Dimension

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



7F2B1F



A6220F



7F5A1F



403A39



801000



000000

Inverse Universe

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



1F737F



0F93A6



1F447F



393F40



007080



000000

Previews

White Background



This preview shows how the Hex color 7F2B1F looks on a white background.

Color Contrast Check

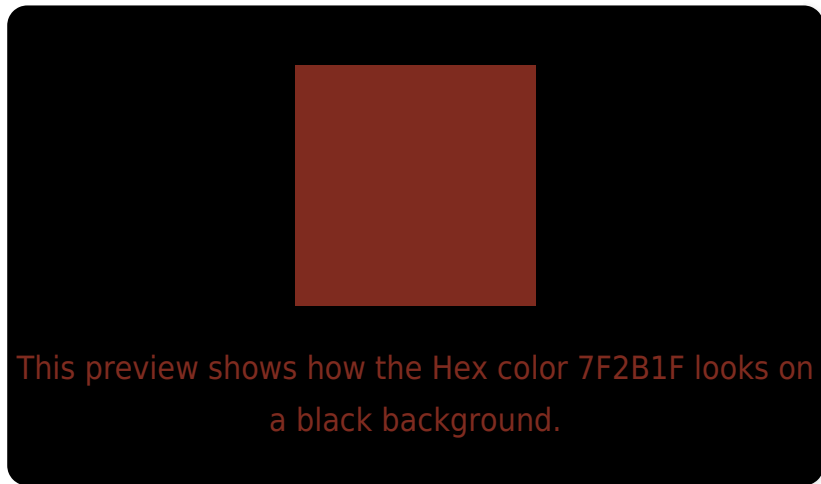
Large Text (above 18pt) WCAG AA ✓ Pass

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

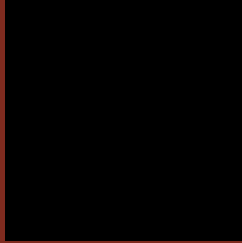
Any Text WCAG AA × Fail

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 7F2B1F Background



This preview shows how black text looks on a background with the Hex color 7F2B1F.

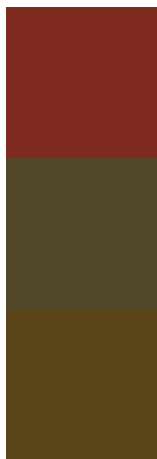


This preview shows how white text looks on a background with the Hex color 7F2B1F.

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
7F2B1F

Protanopia
504828

Deuteranopia
5A4519



Tritanopia
7F292C

Trichromacy



Original Color
7F2B1F

Protanomaly
613D25

Deuteranomaly
673C1B

Tritanomaly
7F2A27

Monochromacy



Original Color
7F2B1F

Achromatopsia
434343

Achromatomaly
593A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F2B1F 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 #7F2B1F looks like.

```
.text, #text, p{  
    color:#7F2B1F  
}
```

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 #7F2B1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2B1F
}
```

Border

The CSS property to change the border of an element to Hex 7F2B1F 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".

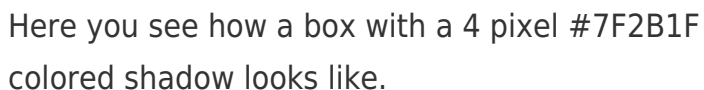
```
.border, #border, table{ border:4px solid
#7F2B1F }
```

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

```
.border{ border-color:#7F2B1F }
```

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

Here you see how a box with a 4 pixel #7F2B1F colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #7F2B1F colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2B1F; -webkit-box-shadow:4px 4px  
4px 4px #7F2B1F; box-shadow:4px 4px 4px  
4px #7F2B1F }
```

Background

The CSS property to change the background color of an element to Hex 7F2B1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2B1F }
```

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

```
.background{ background-color:#7F2B1F }
```

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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