

# Converting Colors

Hex(7C1F1F)

Have a look what the booklet for  
Hex(7C1F1F) contains.

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# Color

Hex(7C1F1F)

# Conversions

## Conversions Part 1

Format	Color
Hex	7C1F1F
RGB	124, 31, 31
RGB Percent	49%, 12%, 12%
CMY	0.5137, 0.8784, 0.8784
CMYK	0.00, 0.75, 0.75, 0.51
HSL	0°, 60%, 30%
HSV	0°, 75%, 49%
XYZ	9.0495, 5.3640, 1.8547
YIQ	58.8070, 55.4280, 19.7160

# Conversions

## Conversions Part 2

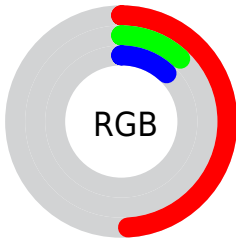
Format	Color
<b>RYB</b>	124, 31, 31
Decimal	8134431
CIELab	27.75, 39.75, 23.97
CIELCh	28, 46.413, 31.090
Yxy	5.3640, 0.5563, 0.3297
Android (android.graphics.Color)	4286324511 (0xFF7C1F1F)
YUV	58.8070, -13.7089, 57.1743
Hunter-Lab	23.1603, 29.2154, 11.4642

# Details

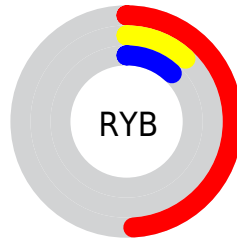
The Hex color **7C1F1F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F7C7C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **B6534B**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7C1313**, and if you desaturate by 10%, it is **7C2B2B**.

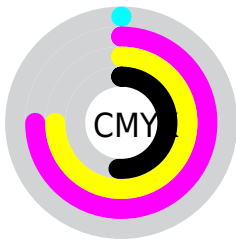
# Distribution



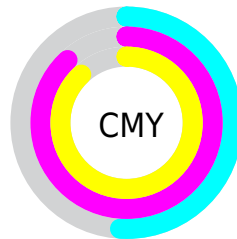
- Red (49%)
- Green (12%)
- Blue (12%)



- Red (49%)
- Yellow (12%)
- Blue (12%)



- Cyan (0%)
- Magenta (75%)
- Yellow (75%)
- Black (51%)



- Cyan (51%)
- Magenta (88%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C1F1F 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 7C1F1F by changing the saturation by 10% instead.



 7C1F1F

 7C1F1F

FFFFFF

 600008

 B6534B

 440000

 D46C63

 2B0001

 F2877C

 000000

 FFA296

 FFBE1

 FFDACC

 FFF7E8

 7C1F1F

 7C1F1F

 7C1313

 7C2B2B

 7C0606

 7C3838

 7C0000

 7C4444

 7C5151

 7C5D5D

 7C6969

 7C7676

 7C8282

 7C8F8F

# Harmonies

## Analogous

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



7E1542



7C1F1F



6B3200

# Triad

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



7C1F1F



004F1C



004689

# Complementary

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



7C1F1F



1F7C7C

# 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



7C1F1F



005142

# Square

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



7C1F1F



2B4A00



005166



3F377F

# Rectangle

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



7C1F1F



5A3C00



005166



004989



# Sweetspot

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



7C1F1F



A17C7C



7C1F7C



523B3B



D1D1D1



525252



# Same Dimension

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



7C1F1F



A11010



7C4E1F



3D3737



7D0000



FC0000



# Inverse Universe

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



1F7C7C



10A1A1



1F4E7C



373D3D



007D7D



00FCFC



# Previews

## White Background



This preview shows how the Hex color 7C1F1F looks on a white background.

## Color Contrast Check

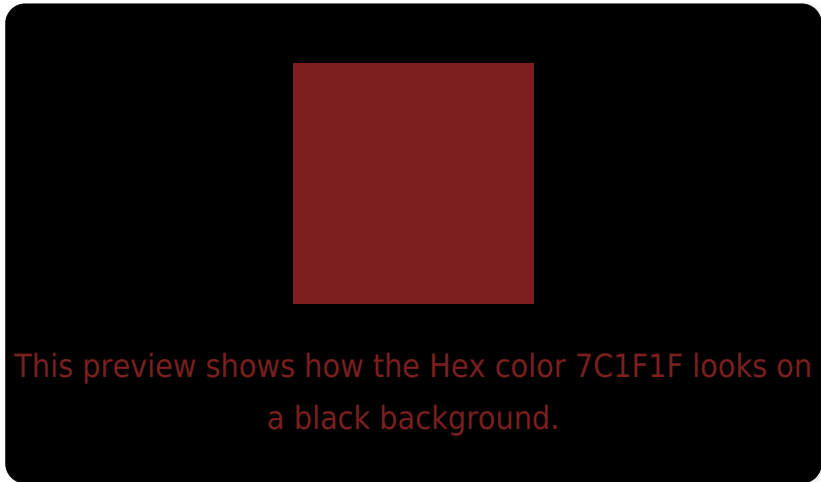
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C1F1F Background



This preview shows how black text looks on a background with the Hex color 7C1F1F.

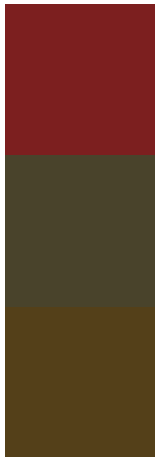


This preview shows how white text looks on a background with the Hex color 7C1F1F.

# 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**  
7C1F1F

**Protanopia**  
49432B

**Deuteranopia**  
544019



# Trichromacy



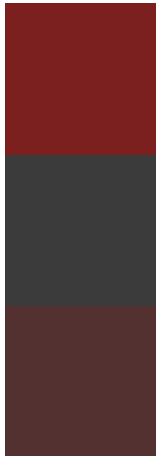
**Original Color**  
7C1F1F

**Protanomaly**  
5C3627

**Deuteranomaly**  
63341B

**Tritanomaly**  
7C1F20

# Monochromacy



**Original Color**  
7C1F1F

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
533131

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C1F1F 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 #7C1F1F looks like.

```
.text, #text, p{  
    color:#7C1F1F  
}
```

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 #7C1F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C1F1F
}
```

## Border

The CSS property to change the border of an element to Hex 7C1F1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

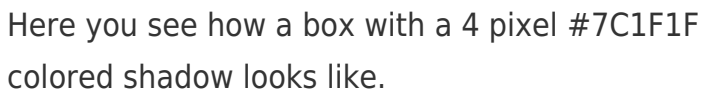
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C1F1F }
```

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

```
.border{ border-color:#7C1F1F }
```

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



Here you see how a box with a 4 pixel #7C1F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C1F1F; -webkit-box-shadow:4px 4px  
4px 4px #7C1F1F; box-shadow:4px 4px 4px  
4px #7C1F1F }
```

# Background

The CSS property to change the background color of an element to Hex 7C1F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C1F1F }
```

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

```
.background{ background-color:#7C1F1F }
```

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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