

Converting Colors

Hex(781C1F)

Have a look what the booklet for
Hex(781C1F) contains.

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Color

Hex(781C1F)

Conversions

Conversions Part 1

Format	Color
Hex	781C1F
RGB	120, 28, 31
RGB Percent	47%, 11%, 12%
CMY	0.5294, 0.8902, 0.8784
CMYK	0.00, 0.77, 0.74, 0.53
HSL	358°, 62%, 29%
HSV	358°, 77%, 47%
XYZ	8.4083, 4.9225, 1.8033
YIQ	55.8500, 53.8690, 20.4370

Conversions

Conversions Part 2

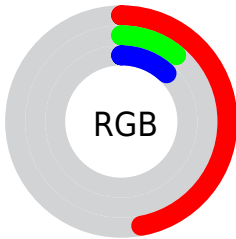
Format	Color
R_{YB}	120, 28, 31
Decimal	7871519
CIE Lab	26.51, 39.54, 22.32
CIE LCh	27, 45.407, 29.440
Yxy	4.9225, 0.5556, 0.3253
Android (android.graphics.Color)	4286061599 (0xFF781C1F)
YUV	55.8500, -12.2510, 56.2596
Hunter-Lab	22.1867, 28.8210, 10.7117

Details

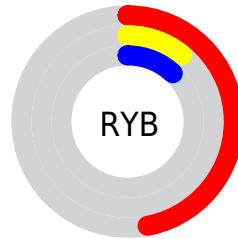
The Hex color **781C1F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1C7875**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **B2504B**, and **400000** is the 20% darker color. If you saturate the color by 10%, you get **781013**, and if you desaturate by 10%, it is **78282B**.

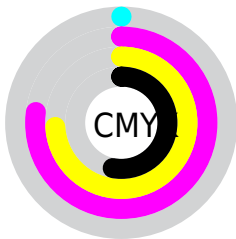
Distribution



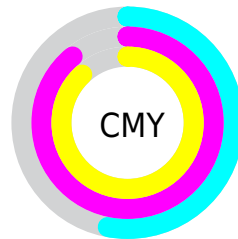
- Red (47%)
- Green (11%)
- Blue (12%)



- Red (47%)
- Yellow (11%)
- Blue (12%)



- Cyan (0%)
- Magenta (77%)
- Yellow (74%)
- Black (53%)



- Cyan (53%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781C1F 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 781C1F by changing the saturation by 10% instead.

 781C1F

 781C1F

FFFFFF

 5C0008

 B2504B

 400000

 CF6A63

 260001

 ED847C

 000000

 FF9F96

 FFBAB0

 FFD7CC

 FFF4E8

 781C1F

 781C1F

 781013

 78282B

 780408

 783436

 780004

 784042

 784C4D

 785859

 786465

 787070

 787C7C

 788887

Harmonies

Analogous

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



791341



781C1F



682E00

Triad

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



781C1F



004B19



004385

Complementary

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



781C1F



1C7875

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.



004B7A



781C1F



004E3D

Square

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



781C1F



2C4600



004E60



39367C

Rectangle

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



781C1F



583900



004E60



004783

Sweetspot

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



781C1F



9C7879



751C78



4F393A



CFCFCF



4F4F4F

Same Dimension

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



781C1F



9C0C11



78471C



3D3737



7D0004



FC0008

Inverse Universe

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



781C1F



9C0C11



1C4D78



3D3737



7D0004



FC0008

Previews

White Background



This preview shows how the Hex color 781C1F looks on a white background.

Color Contrast Check

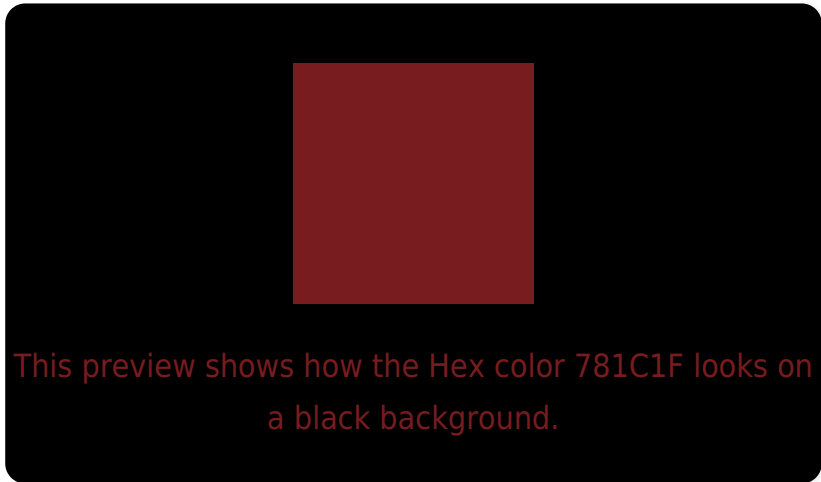
Large Text (above 18pt) WCAG AA ✓ Pass

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 781C1F Background



This preview shows how black text looks on a background with the Hex color 781C1F.

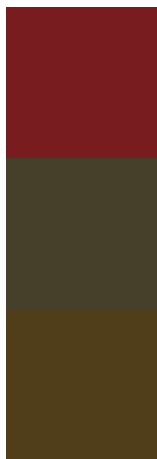


This preview shows how white text looks on a background with the Hex color 781C1F.

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
781C1F

Protanopia
46402B

Deuteranopia
503D19

Trichromacy



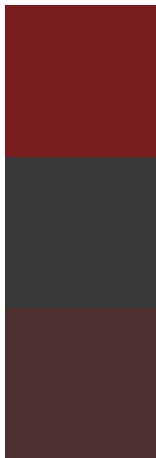
Original Color
781C1F

Protanomaly
583327

Deuteranomaly
5F311B

Tritanomaly
781C1E

Monochromacy



Original Color
781C1F

Achromatopsia
383838

Achromatomaly
4F2E2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 781C1F 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 #781C1F looks like.

```
.text, #text, p{  
    color:#781C1F  
}
```

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 #781C1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781C1F
}
```

Border

The CSS property to change the border of an element to Hex 781C1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

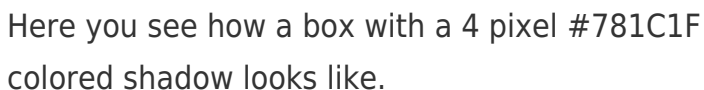
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#781C1F }
```

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

```
.border{ border-color:#781C1F }
```

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



Here you see how a box with a 4 pixel `#781C1F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781C1F; -webkit-box-shadow:4px 4px  
4px 4px #781C1F; box-shadow:4px 4px 4px  
4px #781C1F }
```

Background

The CSS property to change the background color of an element to Hex 781C1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781C1F }
```

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

```
.background{ background-color:#781C1F }
```

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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