

Converting Colors

Hex(7C301D)

Have a look what the booklet for
Hex(7C301D) contains.

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Color

Hex(7C301D)

Conversions

Conversions Part 1

Format	Color
Hex	7C301D
RGB	124, 48, 29
RGB Percent	49%, 19%, 11%
CMY	0.5137, 0.8118, 0.8863
CMYK	0.00, 0.61, 0.77, 0.51
HSL	12°, 62%, 30%
HSV	12°, 77%, 49%
XYZ	9.5909, 6.4877, 1.9092
YIQ	68.5580, 51.3950, 10.2030

Conversions

Conversions Part 2

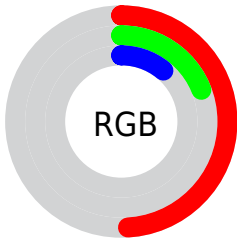
Format	Color
R_{YB}	124, 53, 29
Decimal	8138781
CIE _{Lab}	30.61, 31.87, 28.41
CIE _{LCh}	31, 42.691, 41.711
Yxy	6.4877, 0.5332, 0.3607
Android (android.graphics.Color)	4286328861 (0xFF7C301D)
YUV	68.5580, -19.5021, 48.6226
Hunter-Lab	25.4710, 22.6387, 13.3856

Details

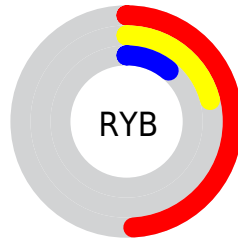
The Hex color **7C301D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1D697C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **B5614A**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **7C2611**, and if you desaturate by 10%, it is **7C3A29**.

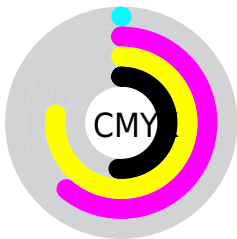
Distribution



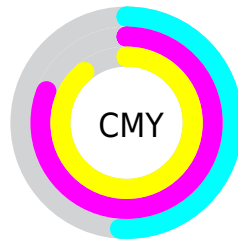
- Red (49%)
- Green (19%)
- Blue (11%)



- Red (49%)
- Yellow (21%)
- Blue (11%)



- Cyan (0%)
- Magenta (61%)
- Yellow (77%)
- Black (51%)



- Cyan (51%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C301D 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 7C301D by changing the saturation by 10% instead.

 7C301D

 7C301D

FFFFFF

 601806

 B5614A

 450000

 D37B62

 2D0001

 F1957B

 000000

 FFB095

 FFCCB0

 FFE8CB

 FFFFE7

 7C301D

 7C301D

■ 7C2611

■ 7C3A29

■ 7C1C04

■ 7C4436

■ 7C1900

■ 7C4E42

■ 7C584F

■ 7C625B

■ 7C6C67

■ 7C7574

■ 7C7F80

■ 7C898D

Harmonies

Analogous

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



83253C



7C301D



683F00

Triad

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



7C301D



005632



0B488A

Complementary

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



7C301D



1D697C

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.



005187



7C301D



005755

Square

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



7C301D



265210



005674



5A397A

Rectangle

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



7C301D



564700



005674



004C8B

Sweetspot

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



7C301D



A1837C



7C1D69



523F3B



D1D1D1



525252

Same Dimension

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



7C301D



A12A0D



7C601D



3D3837



7D1900



FC3200

Inverse Universe

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



1D697C



0D83A1



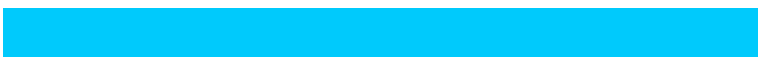
1D397C



373C3D



00647D



00CAFC

Previews

White Background



This preview shows how the Hex color 7C301D looks on a white background.

Color Contrast Check

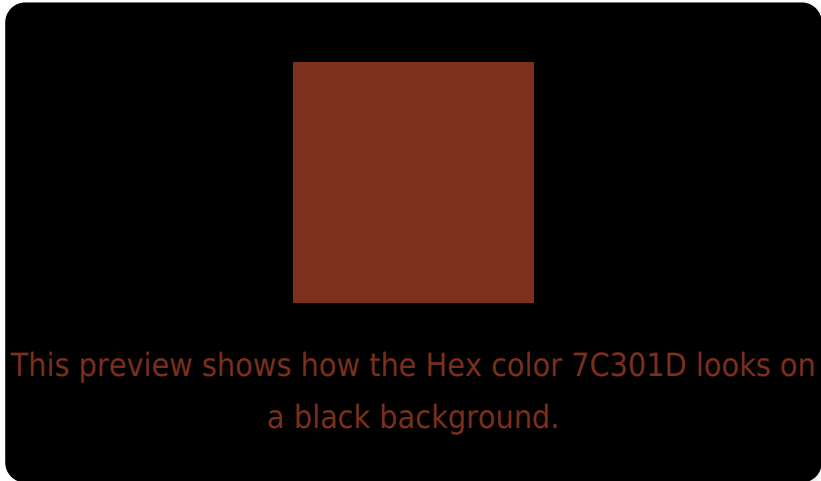
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C301D Background



This preview shows how black text looks on a background with the Hex color 7C301D.



This preview shows how white text looks on a background with the Hex color 7C301D.

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
7C301D

Protanopia
514924

Deuteranopia
5B4518



Tritanopia
7D2E30

Trichromacy



Original Color
7C301D

Protanomaly
614021

Deuteranomaly
673D1A

Tritanomaly
7D2F29

Monochromacy



Original Color
7C301D

Achromatopsia
454545

Achromatomaly
593D36

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C301D 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 #7C301D looks like.

```
.text, #text, p{  
    color:#7C301D  
}
```

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 #7C301D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C301D
}
```

Border

The CSS property to change the border of an element to Hex 7C301D 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".

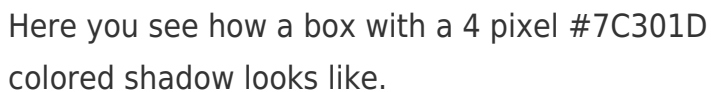
```
.border, #border, table{ border:4px solid
#7C301D }
```

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

```
.border{ border-color:#7C301D }
```

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

Here you see how a box with a 4 pixel #7C301D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C301D; -webkit-box-shadow:4px 4px  
4px 4px #7C301D; box-shadow:4px 4px 4px  
4px #7C301D }
```

Background

The CSS property to change the background color of an element to Hex 7C301D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C301D }
```

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

```
.background{ background-color:#7C301D }
```

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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