

Converting Colors

Hex(7C1B0B)

Have a look what the booklet for
Hex(7C1B0B) contains.

Hex(7C1B0B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7C1B0B)

Conversions

Conversions Part 1

Format	Color
Hex	7C1B0B
RGB	124, 27, 11
RGB Percent	49%, 11%, 4%
CMY	0.5137, 0.8941, 0.9569
CMYK	0.00, 0.78, 0.91, 0.51
HSL	8°, 84%, 26%
HSV	8°, 91%, 49%
XYZ	8.7645, 5.0931, 0.8377
YIQ	54.1790, 62.9480, 15.5880

Conversions

Conversions Part 2

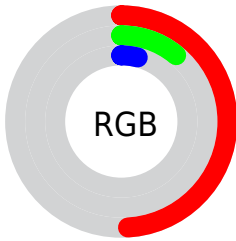
Format	Color
RYB	124, 30, 11
Decimal	8133387
CIELab	27.00, 40.55, 34.57
CIElCh	27, 53.286, 40.443
Yxy	5.0931, 0.5964, 0.3466
Android (android.graphics.Color)	4286323467 (0xFF7C1B0B)
YUV	54.1790, -21.2872, 61.2330
Hunter-Lab	22.5679, 29.8287, 13.5967

Details

The Hex color **7C1B0B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B6C7C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **B74F37**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7C1200**, and if you desaturate by 10%, it is **7C2617**.

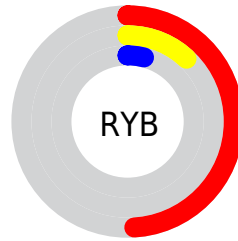
Distribution



Red (49%)

Green (11%)

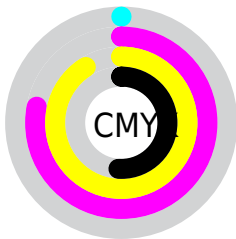
Blue (4%)



Red (49%)

Yellow (12%)

Blue (4%)

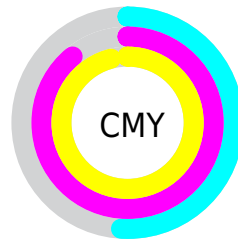


Cyan (0%)

Magenta (78%)

Yellow (91%)

Black (51%)



Cyan (51%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C1B0B 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 7C1B0B by changing the saturation by 10% instead.

 7C1B0B

 7C1B0B

 FFFFEE

 5F0000

 B74F37

 420000

 D6694F

 290001

 F48367

 000000

 FF9E80

 FFBA9B

 FFD6B6

 FFF3D1

 7C1B0B

 7C1B0B

■ 7C1200

■ 7C2617

■ 7C3024

■ 7C3B30

■ 7C463D

■ 7C5049

■ 7C5B55

■ 7C6662

■ 7C706E

■ 7C7B7B

Harmonies

Analogous

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



850034



7C1B0B



643400

Triad

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



7C1B0B



004F22



004191

Complementary

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



7C1B0B



0B6C7C

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.



004C8D



7C1B0B



00514E

Square

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



7C1B0B



0D4B00



005074



512D7F

Rectangle

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



7C1B0B



4F3F00



005074



004593

Sweetspot

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



7C1B0B



A17B75



7C0B6D



523B37



D1D1D1



525252

Same Dimension

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



7C1B0B



A11700



7C530B



3D3837



7D1200



FC2400

Inverse Universe

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



0B6C7C



008AA1



0B347C



373C3D



006B7D



00D9FC

Previews

White Background



This preview shows how the Hex color 7C1B0B looks on a white background.

Color Contrast Check

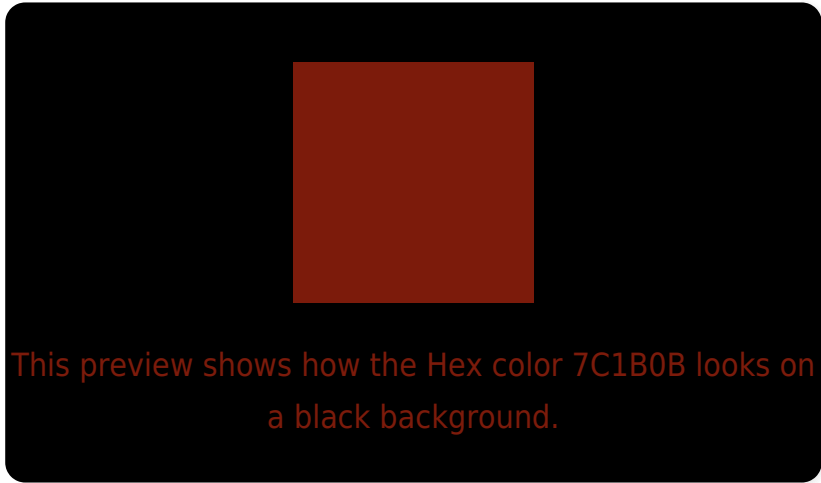
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C1B0B Background



This preview shows how black text looks on a background with the Hex color 7C1B0B.



This preview shows how white text looks on a background with the Hex color 7C1B0B.

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
7C1B0B

Protanopia
4A4214

Deuteranopia
533E00



Tritanopia
7C1A1A

Trichromacy



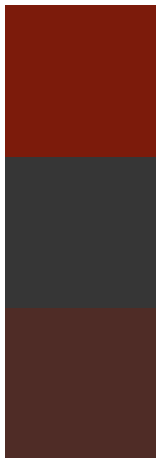
Original Color
7C1B0B

Protanomaly
5C3411

Deuteranomaly
623104

Tritanomaly
7C1A15

Monochromacy



Original Color
7C1B0B

Achromatopsia
363636

Achromatomaly
4F2C26

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C1B0B 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 #7C1B0B looks like.

```
.text, #text, p{  
    color:#7C1B0B  
}
```

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 #7C1B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C1B0B
}
```

Border

The CSS property to change the border of an element to Hex 7C1B0B 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".

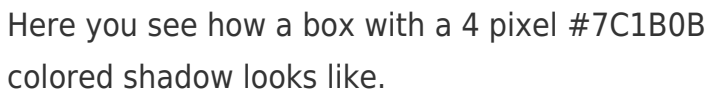
```
.border, #border, table{ border:4px solid
#7C1B0B }
```

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

```
.border{ border-color:#7C1B0B }
```

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

Here you see how a box with a 4 pixel #7C1B0B 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 #7C1B0B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C1B0B; -webkit-box-shadow:4px 4px  
4px 4px #7C1B0B; box-shadow:4px 4px 4px  
4px #7C1B0B }
```

Background

The CSS property to change the background color of an element to Hex 7C1B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C1B0B }
```

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

```
.background{ background-color:#7C1B0B }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor