

Converting Colors

Hex(7B1B0C)

Have a look what the booklet for
Hex(7B1B0C) contains.

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Color

Hex(7B1B0C)

Conversions

Conversions Part 1

Format	Color
Hex	7B1B0C
RGB	123, 27, 12
RGB Percent	48%, 11%, 5%
CMY	0.5176, 0.8941, 0.9529
CMYK	0.00, 0.78, 0.90, 0.52
HSL	8°, 82%, 26%
HSV	8°, 90%, 48%
XYZ	8.6267, 5.0214, 0.8624
YIQ	53.9940, 62.0310, 15.6870

Conversions

Conversions Part 2

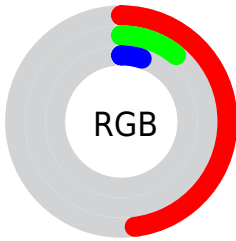
Format	Color
RYB	123, 29, 12
Decimal	8067852
CIELab	26.80, 40.24, 33.86
CIElCh	27, 52.591, 40.084
Yxy	5.0214, 0.5945, 0.3461
Android (android.graphics.Color)	4286257932 (0xFF7B1B0C)
YUV	53.9940, -20.7030, 60.5183
Hunter-Lab	22.4084, 29.5033, 13.4041

Details

The Hex color **7B1B0C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C6C7B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **B64F38**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7B1100**, and if you desaturate by 10%, it is **7B2618**.

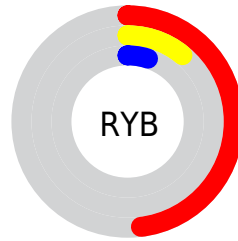
Distribution



Red (48%)

Green (11%)

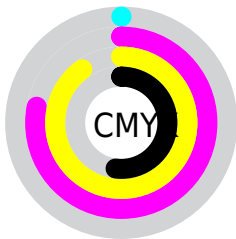
Blue (5%)



Red (48%)

Yellow (11%)

Blue (5%)

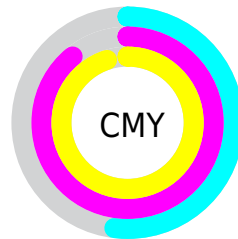


Cyan (0%)

Magenta (78%)

Yellow (90%)

Black (52%)



Cyan (52%)

Magenta (89%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B1B0C 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 7B1B0C by changing the saturation by 10% instead.

 7B1B0C

 7B1B0C

 FFFFEF

 5E0000

 B64F38

 420000

 D4694F

 280001

 F38368

 000000

 FF9E81

 FFBA9B

 FFD6B6

 FFF3D2

 7B1B0C

 7B1B0C

■ 7B1100

■ 7B2618

■ 7B3025

■ 7B3B31

■ 7B463D

■ 7B5049

■ 7B5B56

■ 7B6562

■ 7B706E

■ 7B7B7B

Harmonies

Analogous

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



840034



7B1B0C



643300

Triad

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



7B1B0C



004E22



004090

Complementary

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



7B1B0C



0C6C7B

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.



004B8C



7B1B0C



00504C

Square

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



7B1B0C



0F4A00



004F73



4F2D7E

Rectangle

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



7B1B0C



4F3E00



004F73



004591

Sweetspot

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



7B1B0C



A17B75



7B0C6C



523B37



D1D1D1



525252

Same Dimension

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



7B1B0C



A11600



7B520C



3D3837



7D1100



FC2200

Inverse Universe

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



0C6C7B



008BA1



0C357B



373C3D



006C7D



00DAFC

Previews

White Background



This preview shows how the Hex color 7B1B0C looks on a white background.

Color Contrast Check

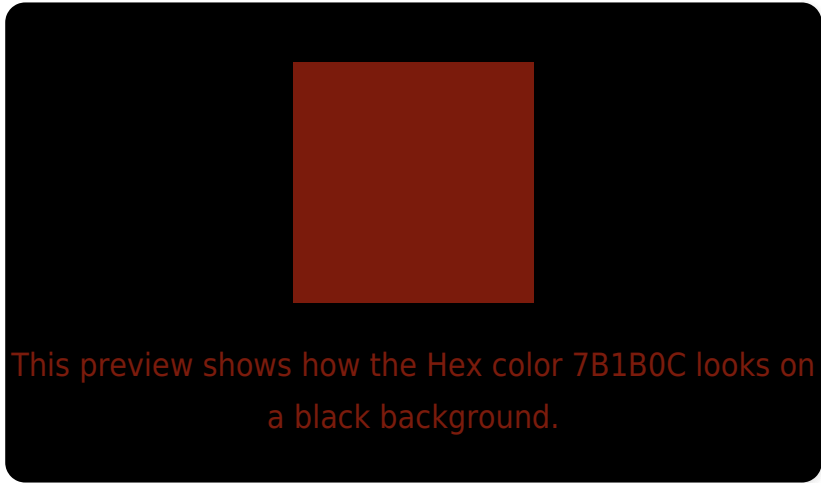
Large Text (above 18pt) WCAG AA ✓ Pass

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

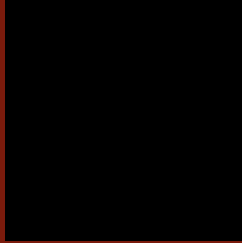
Any Text WCAG AA × Fail

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 7B1B0C Background



This preview shows how black text looks on a background with the Hex color 7B1B0C.



This preview shows how white text looks on a background with the Hex color 7B1B0C.

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
7B1B0C

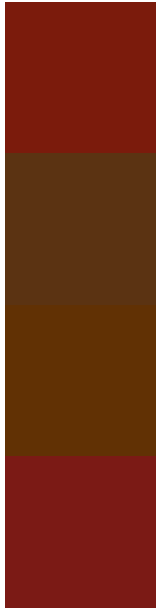
Protanopia
494115

Deuteranopia
523E00



Tritanopia
7B1A1A

Trichromacy



Original Color
7B1B0C

Protanomaly
5B3312

Deuteranomaly
613104

Tritanomaly
7B1A15

Monochromacy



Original Color
7B1B0C

Achromatopsia
363636

Achromatomaly
4F2C27

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B1B0C 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 #7B1B0C looks like.

```
.text, #text, p{  
    color:#7B1B0C  
}
```

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 #7B1B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B1B0C }  
}
```

Border

The CSS property to change the border of an element to Hex 7B1B0C 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".

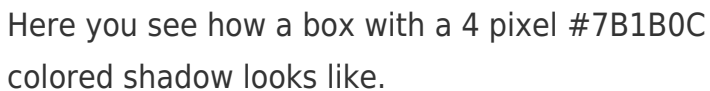
```
.border, #border, table{ border:4px solid #7B1B0C }  
}
```

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

```
.border{ border-color:#7B1B0C }
```

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

Here you see how a box with a 4 pixel #7B1B0C colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges 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 #7B1B0C colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B1B0C; -webkit-box-shadow:4px 4px  
4px 4px #7B1B0C; box-shadow:4px 4px 4px  
4px #7B1B0C }
```

Background

The CSS property to change the background color of an element to Hex 7B1B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B1B0C }
```

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

```
.background{ background-color:#7B1B0C }
```

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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