

Converting Colors

Hex(770B1B)

Have a look what the booklet for
Hex(770B1B) contains.

Hex(770B1B)	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(770B1B)

Conversions

Conversions Part 1

Format	Color
Hex	770B1B
RGB	119, 11, 27
RGB Percent	47%, 4%, 11%
CMY	0.5333, 0.9569, 0.8941
CMYK	0.00, 0.91, 0.77, 0.53
HSL	351°, 83%, 25%
HSV	351°, 91%, 47%
XYZ	7.9253, 4.2404, 1.4377
YIQ	45.1160, 59.2320, 27.8720

Conversions

Conversions Part 2

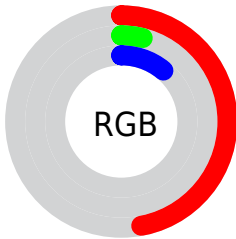
Format	Color
R_{YB}	119, 11, 27
Decimal	7801627
CIE _{Lab}	24.45, 44.08, 22.47
CIE _{LCh}	24, 49.478, 27.011
Y _{xy}	4.2404, 0.5826, 0.3117
Android (android.graphics.Color)	4285991707 (0xFF770B1B)
YUV	45.1160, -8.9312, 64.7963
Hunter-Lab	20.5923, 32.6620, 10.2752

Details

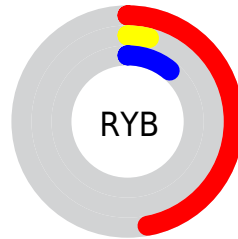
The Hex color **770B1B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B7767**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **B14546**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **770012**, and if you desaturate by 10%, it is **771725**.

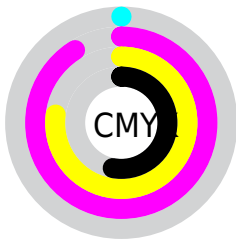
Distribution



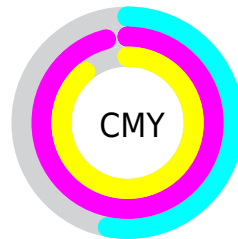
- Red (47%)
- Green (4%)
- Blue (11%)



- Red (47%)
- Yellow (4%)
- Blue (11%)



- Cyan (0%)
- Magenta (91%)
- Yellow (77%)
- Black (53%)



- Cyan (53%)
- Magenta (96%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 770B1B 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 770B1B by changing the saturation by 10% instead.

 770B1B

 770B1B

FFFFFF

 5B0001

 B14546

 3F0000

 CF605E

 220001

 EE7A77

 000000

 FF9590

 FFB1AB

 FFCDC6

 FFEAE2

 770B1B

 770B1B

■ 770012

■ 771725

■ 77232F

■ 772F39

■ 773B44

■ 77464E

■ 775258

■ 775E62

■ 776A6C

■ 777676

Harmonies

Analogous

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



770040



770B1B



672600

Triad

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



770B1B



00470C



004086

Complementary

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



770B1B



0B7767

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.



004779



770B1B



004935

Square

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



770B1B



284200



004A5B



29327D

Rectangle

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



770B1B



563300



004A5B



004384

Sweetspot

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



770B1B



9C7278



670B77



4F363A



CFCFCF



4F4F4F

Same Dimension

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



770B1B



9C0017



77310B



3B3536



7A0012



FA0025

Inverse Universe

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



770B1B



9C0017



0B5177



3B3536



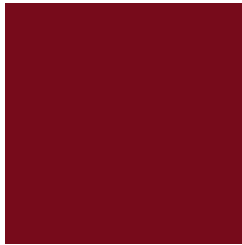
7A0012



FA0025

Previews

White Background



This preview shows how the Hex color 770B1B 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

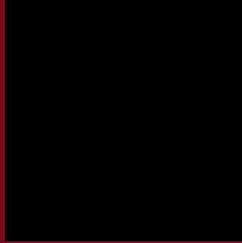
Any Text WCAG AA × Fail

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 770B1B Background



This preview shows how black text looks on a background with the Hex color 770B1B.



This preview shows how white text looks on a background with the Hex color 770B1B.

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
770B1B

Protanopia
423D29

Deuteranopia
4C3A14

Trichromacy



Original Color
770B1B

Protanomaly
552B24

Deuteranomaly
5C2917

Tritanomaly
770E11

Monochromacy



Original Color
770B1B

Achromatopsia
2D2D2D

Achromatomaly
482126

CSS Examples

Text

The CSS property to change the color of the text to Hex 770B1B 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 #770B1B looks like.

```
.text, #text, p{  
    color:#770B1B  
}
```

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 #770B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #770B1B
}
```

Border

The CSS property to change the border of an element to Hex 770B1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

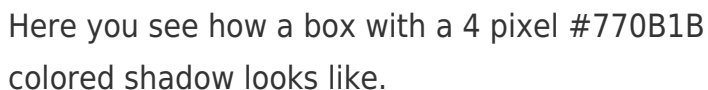
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#770B1B }
```

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

```
.border{ border-color:#770B1B }
```

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



Here you see how a box with a 4 pixel `#770B1B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #770B1B; -webkit-box-shadow:4px 4px  
4px 4px #770B1B; box-shadow:4px 4px 4px  
4px #770B1B }
```

Background

The CSS property to change the background color of an element to Hex 770B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#770B1B }
```

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

```
.background{ background-color:#770B1B }
```

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