

Converting Colors

Hex(77431B)

Have a look what the booklet for
Hex(77431B) contains.

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Color

Hex(77431B)

Conversions

Conversions Part 1

Format	Color
Hex	77431B
RGB	119, 67, 27
RGB Percent	47%, 26%, 11%
CMY	0.5333, 0.7373, 0.8941
CMYK	0.00, 0.44, 0.77, 0.53
HSL	26°, 63%, 29%
HSV	26°, 77%, 47%
XYZ	9.8127, 8.0154, 2.0668
YIQ	77.9880, 43.8320, -1.4160

Conversions

Conversions Part 2

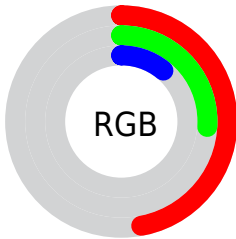
Format	Color
R_{YB}	119, 98, 27
Decimal	7815963
CIE _{Lab}	34.01, 18.98, 32.88
CIE _{LCh}	34, 37.965, 60.007
Yxy	8.0154, 0.4932, 0.4029
Android (android.graphics.Color)	4286006043 (0xFF77431B)
YUV	77.9880, -25.1371, 35.9675
Hunter-Lab	28.3114, 12.3230, 15.4896

Details

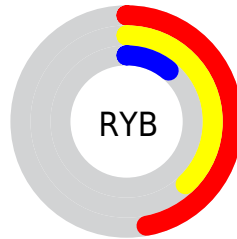
The Hex color **77431B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1B4F77**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **AF7449**, and **421700** is the 20% darker color. If you saturate the color by 10%, you get **773C0F**, and if you desaturate by 10%, it is **774A27**.

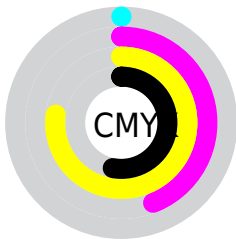
Distribution



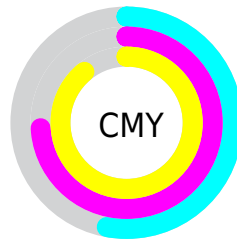
- Red (47%)
- Green (26%)
- Blue (11%)



- Red (47%)
- Yellow (38%)
- Blue (11%)



- Cyan (0%)
- Magenta (44%)
- Yellow (77%)
- Black (53%)



- Cyan (53%)
- Magenta (74%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77431B 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 77431B by changing the saturation by 10% instead.

 77431B

 77431B

FFFFFF

 5C2C03

 AF7449

 421700

 CC8D61

 290000

 E9A87B

 000000

 FFC395

 FFDFAF

 FFFCCB

 FFFFE7

 77431B

 77431B

■ 773C0F

■ 774A27

■ 773603

■ 775033

■ 773400

■ 77573F

■ 775E4B

■ 776556

■ 776B62

■ 77726E

■ 77797A

■ 778086

Harmonies

Analogous

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



853834



77431B



604E0D

Triad

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



77431B



005E4F



504884

Complementary

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



77431B



1B4F77

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.



00538C



77431B



005E6D

Square

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



77431B



135C30



005B84



743B6F

Rectangle

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



77431B



4C5511



005B84



3E4C89

Sweetspot

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



77431B



9C8778



771B4F



4F4339



CFCFCF



4F4F4F

Same Dimension

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



77431B



9C4A0B



77711B



3B3735



7A3500



FA6D00

Inverse Universe

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



1B4F77



0B5D9C



1B2177



35383B



00457A



008DFA

Previews

White Background



This preview shows how the Hex color 77431B looks on a white background.

Color Contrast Check

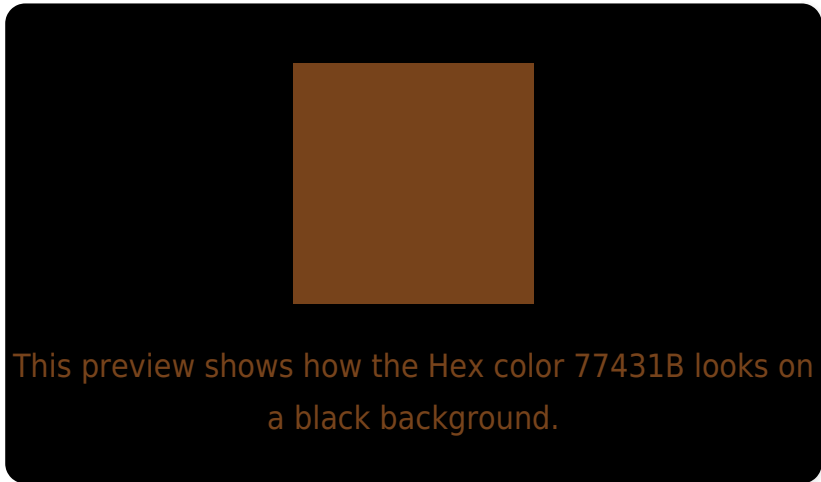
Large Text (above 18pt) WCAG AA ✓ Pass

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 77431B Background



This preview shows how black text looks on a background with the Hex color 77431B.



This preview shows how white text looks on a background with the Hex color 77431B.

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
77431B

Protanopia
5A511F

Deuteranopia
654D18



Tritanopia
793F43

Trichromacy



Original Color
77431B

Protanomaly
654C1E

Deuteranomaly
6C4919

Tritanomaly
784034

Monochromacy



Original Color
77431B

Achromatopsia
4E4E4E

Achromatomaly
5D4A3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 77431B 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 #77431B looks like.

```
.text, #text, p{  
    color:#77431B  
}
```

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 #77431B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77431B
}
```

Border

The CSS property to change the border of an element to Hex 77431B is called "border". The border property can be set on classes, ids or directly on the HTML element.

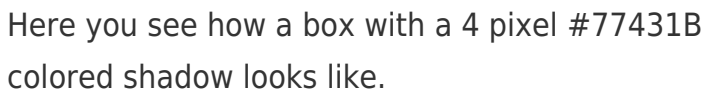
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77431B }
```

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

```
.border{ border-color:#77431B }
```

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



Here you see how a box with a 4 pixel #77431B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77431B; -webkit-box-shadow:4px 4px  
4px 4px #77431B; box-shadow:4px 4px 4px  
4px #77431B }
```

Background

The CSS property to change the background color of an element to Hex 77431B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77431B }
```

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

```
.background{ background-color:#77431B }
```

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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