

# Converting Colors

Hex(7B3B1E)

Have a look what the booklet for  
Hex(7B3B1E) contains.

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# Color

**Hex(7B3B1E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B3B1E
RGB	123, 59, 30
RGB Percent	48%, 23%, 12%
CMY	0.5176, 0.7686, 0.8824
CMYK	0.00, 0.52, 0.76, 0.52
HSL	19°, 61%, 30%
HSV	19°, 76%, 48%
XYZ	9.9667, 7.4326, 2.1376
YIQ	74.8300, 47.4530, 4.5490

# Conversions

## Conversions Part 2

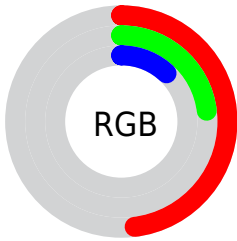
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 72, 30
Decimal	8076062
CIELab	32.77, 25.56, 30.14
CIELCh	33, 39.513, 49.702
Yxy	7.4326, 0.5101, 0.3804
Android (android.graphics.Color)	4286266142 (0xFF7B3B1E)
YUV	74.8300, -22.1012, 42.2451
Hunter-Lab	27.2628, 17.5457, 14.4352

# Details

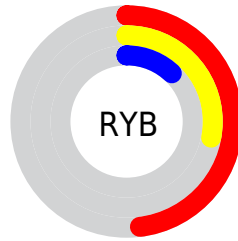
The Hex color **7B3B1E** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1E5E7B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **B46C4B**, and **450D00** is the 20% darker color. If you saturate the color by 10%, you get **7B3312**, and if you desaturate by 10%, it is **7B432A**.

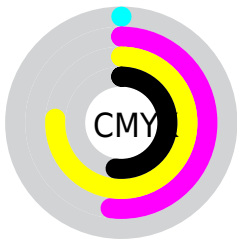
# Distribution



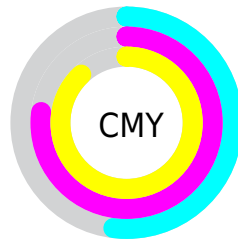
- Red (48%)
- Green (23%)
- Blue (12%)



- Red (48%)
- Yellow (28%)
- Blue (12%)



- Cyan (0%)
- Magenta (52%)
- Yellow (76%)
- Black (52%)



- Cyan (52%)
- Magenta (77%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B3B1E 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 7B3B1E by changing the saturation by 10% instead.



 7B3B1E

 7B3B1E

FFFFFF

 5F2407

 B46C4B

 450D00

 D18564

 2C0000

 EFA07D

 000000

 FFBB97

 FFD7B2

 FFF3CD

 FFFFEA

 7B3B1E

 7B3B1E

■ 7B3312

■ 7B432A

■ 7B2A05

■ 7B4C37

■ 7B2600

■ 7B5443

■ 7B5D4F

■ 7B655B

■ 7B6E68

■ 7B7674

■ 7B7F80

■ 7B878D

# Harmonies

## Analogous

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



85303A



7B3B1E



664808

# Triad

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



7B3B1E



005B41



384988

# Complementary

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



7B3B1E



1E5E7B

# 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.



00548A



7B3B1E



005C61

# Square

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



7B3B1E



225822



005A7C



683C76

# Rectangle

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



7B3B1E



534F05



005A7C



1B4D8B



# Sweetspot

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



7B3B1E



A1877C



7B1E5F



52423B



D1D1D1



525252



# Same Dimension

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



7B3B1E



A13C0E



7B681E



3D3937



7D2700



FC4F00



# Inverse Universe

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



1E5E7B



0E73A1



1E317B



373B3D



00567D



00AEFC



# Previews

## White Background



This preview shows how the Hex color 7B3B1E looks on a white background.

## Color Contrast Check

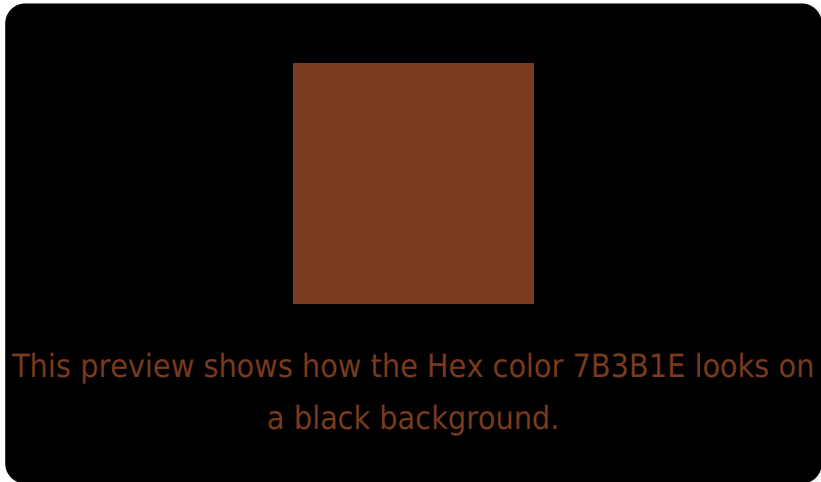
Large Text (above 18pt) WCAG AA ✓ Pass

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

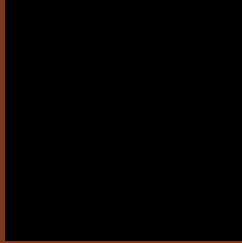
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B3B1E Background



This preview shows how black text looks on a background with the Hex color 7B3B1E.



This preview shows how white text looks on a background with the Hex color 7B3B1E.

# 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**  
7B3B1E

**Protanopia**  
564E24

**Deuteranopia**  
614A1A



**Tritanopia**  
7C383B

# Trichromacy



**Original Color**  
7B3B1E

**Protanomaly**  
634722

**Deuteranomaly**  
6A451B

**Tritanomaly**  
7C3930

# Monochromacy



**Original Color**  
7B3B1E

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
5C453B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B3B1E 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 #7B3B1E looks like.

```
.text, #text, p{  
    color:#7B3B1E  
}
```

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 #7B3B1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3B1E
}
```

## Border

The CSS property to change the border of an element to Hex 7B3B1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

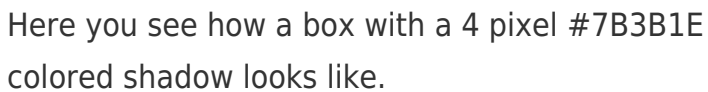
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3B1E }
```

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

```
.border{ border-color:#7B3B1E }
```

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



Here you see how a box with a 4 pixel #7B3B1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3B1E; -webkit-box-shadow:4px 4px  
4px 4px #7B3B1E; box-shadow:4px 4px 4px  
4px #7B3B1E }
```

# Background

The CSS property to change the background color of an element to Hex 7B3B1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3B1E }
```

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

```
.background{ background-color:#7B3B1E }
```

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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