

Converting Colors

Hex(7B310D)

Have a look what the booklet for
Hex(7B310D) contains.

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Color

Hex(7B310D)

Conversions

Conversions Part 1

Format	Color
Hex	7B310D
RGB	123, 49, 13
RGB Percent	48%, 19%, 5%
CMY	0.5176, 0.8078, 0.9490
CMYK	0.00, 0.60, 0.89, 0.52
HSL	20°, 81%, 27%
HSV	20°, 89%, 48%
XYZ	9.3393, 6.4366, 1.1309
YIQ	67.0220, 55.6600, 4.4920

Conversions

Conversions Part 2

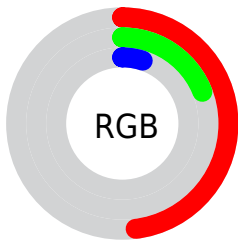
Format	Color
R_{YB}	123, 67, 13
Decimal	8073485
CIE Lab	30.49, 30.34, 36.52
CIE LCh	30, 47.478, 50.273
Yxy	6.4366, 0.5524, 0.3807
Android (android.graphics.Color)	4286263565 (0xFF7B310D)
YUV	67.0220, -26.6328, 49.0927
Hunter-Lab	25.3705, 21.3106, 15.1164

Details

The Hex color **7B310D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D577B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **B5623B**, and **430000** is the 20% darker color. If you saturate the color by 10%, you get **7B2901**, and if you desaturate by 10%, it is **7B3919**.

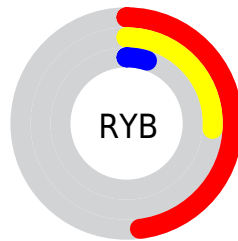
Distribution



Red (48%)

Green (19%)

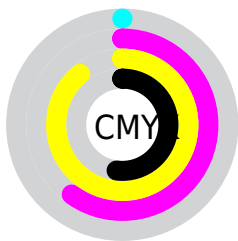
Blue (5%)



Red (48%)

Yellow (26%)

Blue (5%)

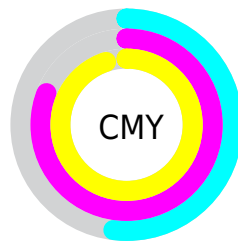


Cyan (0%)

Magenta (60%)

Yellow (89%)

Black (52%)



Cyan (52%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B310D 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 7B310D by changing the saturation by 10% instead.

 7B310D

 7B310D

 FFFFF3

 5F1900

 B5623B

 430000

 D37B53

 2C0001

 F1966C

 000000

 FFB185

 FFCCA0

 FFE9BB

 FFFFD7

 7B310D

 7B310D

■ 7B2901

■ 7B3919

■ 7B2800

■ 7B4226

■ 7B4A32

■ 7B523E

■ 7B5A4B

■ 7B6357

■ 7B6B63

■ 7B736F

■ 7B7B7C

Harmonies

Analogous

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



881F31



7B310D



624200

Triad

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



7B310D



00573A



27438E

Complementary

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



7B310D



0D577B

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.



005091



7B310D



005860

Square

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



7B310D



045413



005680



683178

Rectangle

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



7B310D



4C4A00



005680



004891

Sweetspot

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



7B310D



A18375



7B0D58



524037



D1D1D1



525252

Same Dimension

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



7B310D



A13500



7B670D



3D3937



7D2900



FC5300

Inverse Universe

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



0D577B



006CA1



0D217B



373B3D



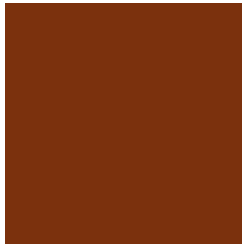
00547D



00AAFC

Previews

White Background



This preview shows how the Hex color 7B310D looks on a white background.

Color Contrast Check

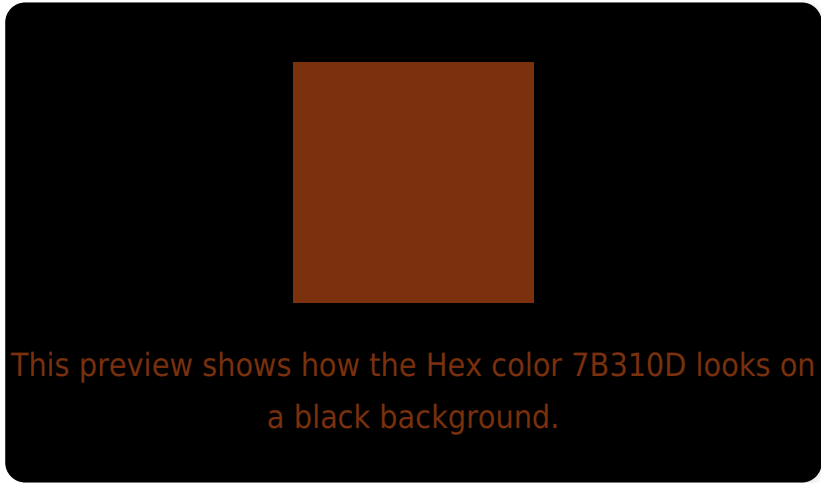
Large Text (above 18pt) WCAG AA ✓ Pass

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

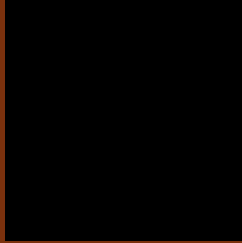
Any Text WCAG AA × Fail

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 7B310D Background



This preview shows how black text looks on a background with the Hex color 7B310D.



This preview shows how white text looks on a background with the Hex color 7B310D.

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
7B310D

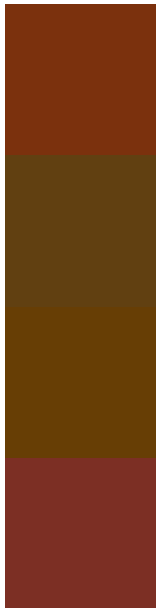
Protanopia
524913

Deuteranopia
5C4500



Tritanopia
7C2E31

Trichromacy



Original Color
7B310D

Protanomaly
614011

Deuteranomaly
673E05

Tritanomaly
7C2F24

Monochromacy



Original Color
7B310D

Achromatopsia
434343

Achromatomaly
573C2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B310D 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 #7B310D looks like.

```
.text, #text, p{  
    color:#7B310D  
}
```

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 #7B310D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B310D
}
```

Border

The CSS property to change the border of an element to Hex 7B310D is called "border". The border property can be set on classes, ids or directly on the HTML element.

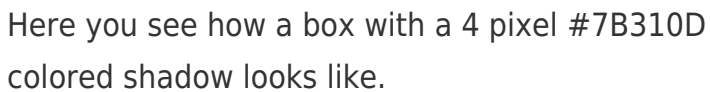
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B310D }
```

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

```
.border{ border-color:#7B310D }
```

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



Here you see how a box with a 4 pixel #7B310D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B310D; -webkit-box-shadow:4px 4px  
4px 4px #7B310D; box-shadow:4px 4px 4px  
4px #7B310D }
```

Background

The CSS property to change the background color of an element to Hex 7B310D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B310D }
```

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

```
.background{ background-color:#7B310D }
```

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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