

Converting Colors

Hex(7B3710)

Have a look what the booklet for
Hex(7B3710) contains.

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Color

Hex(7B3710)

Conversions

Conversions Part 1

Format	Color
Hex	7B3710
RGB	123, 55, 16
RGB Percent	48%, 22%, 6%
CMY	0.5176, 0.7843, 0.9373
CMYK	0.00, 0.55, 0.87, 0.52
HSL	22°, 77%, 27%
HSV	22°, 87%, 48%
XYZ	9.6281, 6.9807, 1.3302
YIQ	70.8860, 53.0470, 2.2870

Conversions

Conversions Part 2

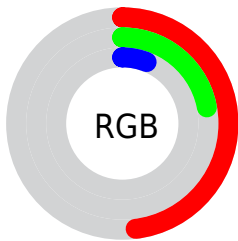
Format	Color
R_{YB}	123, 77, 16
Decimal	8075024
CIE Lab	31.76, 27.20, 36.29
CIE LCh	32, 45.353, 53.142
Yxy	6.9807, 0.5367, 0.3891
Android (android.graphics.Color)	4286265104 (0xFF7B3710)
YUV	70.8860, -27.0588, 45.7040
Hunter-Lab	26.4211, 18.8102, 15.5098

Details

The Hex color **7B3710** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **10547B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B5683E**, and **440800** is the 20% darker color. If you saturate the color by 10%, you get **7B2F04**, and if you desaturate by 10%, it is **7B3F1C**.

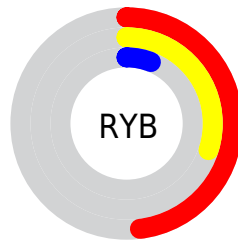
Distribution



Red (48%)

Green (22%)

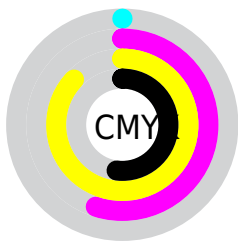
Blue (6%)



Red (48%)

Yellow (30%)

Blue (6%)

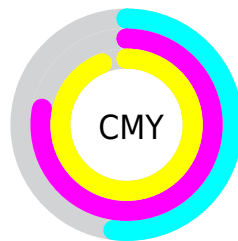


Cyan (0%)

Magenta (55%)

Yellow (87%)

Black (52%)



Cyan (52%)

Magenta (78%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B3710 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 7B3710 by changing the saturation by 10% instead.

 7B3710

 7B3710

 FFFFF7

 5F2000

 B5683E

 440800

 D28156

 2B0000

 F09B6F

 000000

 FFB789

 FFD2A3

 FFEFBF

 FFFFDB

 7B3710

 7B3710

■ 7B2F04

■ 7B3F1C

■ 7B2D00

■ 7B4729

■ 7B4E35

■ 7B5641

■ 7B5E4E

■ 7B665A

■ 7B6E66

■ 7B7672

■ 7B7D7F

Harmonies

Analogous

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



892731



7B3710



624600

Triad

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



7B3710



005A41



38458D

Complementary

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



7B3710



10547B

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.



005192



7B3710



005B66

Square

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



7B3710



05571D



005883



6D3476

Rectangle

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



7B3710



4D4E00



005883



0E4A91

Sweetspot

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



7B3710



A18677



7B1056



524238



D1D1D1



525252

Same Dimension

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



7B3710



A13B00



7B6B10



3D3937



7D2E00



FC5C00

Inverse Universe

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



10547B



0066A1



10207B



373B3D



004F7D



00A0FC

Previews

White Background



This preview shows how the Hex color 7B3710 looks on a white background.

Color Contrast Check

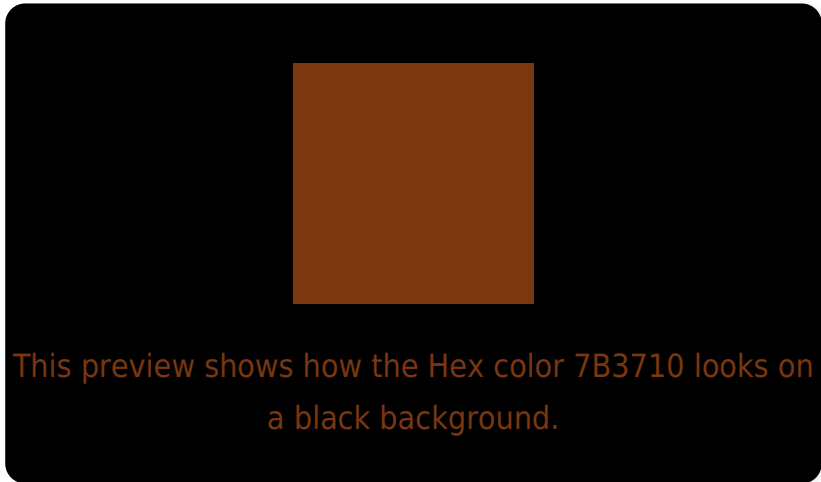
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B3710 Background



This preview shows how black text looks on a background with the Hex color 7B3710.



This preview shows how white text looks on a background with the Hex color 7B3710.

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
7B3710

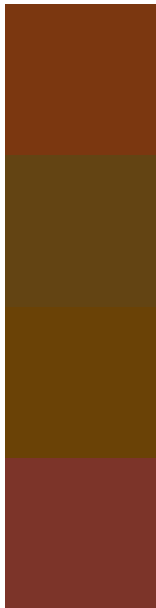
Protanopia
554C15

Deuteranopia
604800



Tritanopia
7C3337

Trichromacy



Original Color
7B3710

Protanomaly
634413

Deuteranomaly
6A4206

Tritanomaly
7C3429

Monochromacy



Original Color
7B3710

Achromatopsia
474747

Achromatomaly
5A4133

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B3710 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 #7B3710 looks like.

```
.text, #text, p{  
    color:#7B3710  
}
```

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 #7B3710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3710
}
```

Border

The CSS property to change the border of an element to Hex 7B3710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

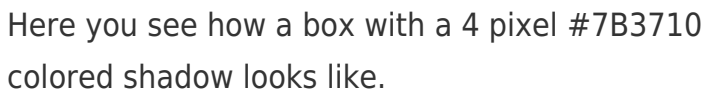
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3710 }
```

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

```
.border{ border-color:#7B3710 }
```

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



Here you see how a box with a 4 pixel #7B3710 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3710; -webkit-box-shadow:4px 4px  
4px 4px #7B3710; box-shadow:4px 4px 4px  
4px #7B3710 }
```

Background

The CSS property to change the background color of an element to Hex 7B3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3710 }
```

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

```
.background{ background-color:#7B3710 }
```

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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