

Converting Colors

Hex(7B3613)

Have a look what the booklet for
Hex(7B3613) contains.

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Color

Hex(7B3613)

Conversions

Conversions Part 1

Format	Color
Hex	7B3613
RGB	123, 54, 19
RGB Percent	48%, 21%, 7%
CMY	0.5176, 0.7882, 0.9255
CMYK	0.00, 0.56, 0.85, 0.52
HSL	20°, 73%, 28%
HSV	20°, 85%, 48%
XYZ	9.6051, 6.8963, 1.4410
YIQ	70.6410, 52.3590, 3.7430

Conversions

Conversions Part 2

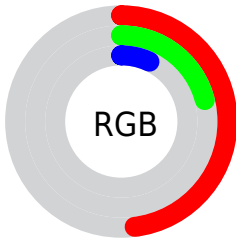
Format	Color
R_{YB}	123, 72, 19
Decimal	8074771
CIE _{Lab}	31.57, 27.85, 34.71
CIE _{LCh}	32, 44.502, 51.255
Yxy	6.8963, 0.5353, 0.3844
Android (android.graphics.Color)	4286264851 (0xFF7B3613)
YUV	70.6410, -25.4590, 45.9188
Hunter-Lab	26.2608, 19.3313, 15.1292

Details

The Hex color **7B3613** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **13587B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B56741**, and **440600** is the 20% darker color. If you saturate the color by 10%, you get **7B2E07**, and if you desaturate by 10%, it is **7B3E1F**.

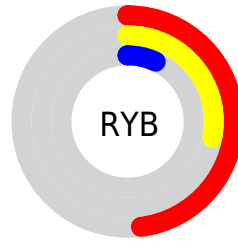
Distribution



Red (48%)

Green (21%)

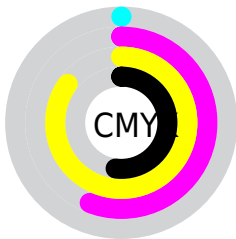
Blue (7%)



Red (48%)

Yellow (28%)

Blue (7%)

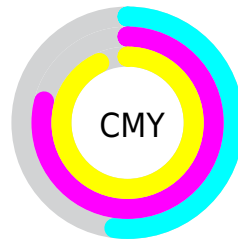


Cyan (0%)

Magenta (56%)

Yellow (85%)

Black (52%)



Cyan (52%)

Magenta (79%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B3613 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 7B3613 by changing the saturation by 10% instead.

 7B3613

 7B3613

 FFFFFA

 5F1F00

 B56741

 440600

 D28059

 2C0000

 F09A71

 000000

 FFB68B

 FFD1A6

 FFEEC1

 FFFFDD

 7B3613

 7B3613

■ 7B2E07

■ 7B3E1F

■ 7B2900

■ 7B462C

■ 7B4E38

■ 7B5744

■ 7B5F51

■ 7B675D

■ 7B6F69

■ 7B7775

■ 7B7F82

Harmonies

Analogous

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



872733



7B3613



634500

Triad

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



7B3613



00593F



33458C

Complementary

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



7B3613



13587B

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.



005190



7B3613



005A63

Square

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



7B3613



10561B



005880



6A3576

Rectangle

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



7B3613



4E4D00



005880



004A8F

Sweetspot

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



7B3613



A18678



7B1358



524139



D1D1D1



525252

Same Dimension

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



7B3613



A13600



7B6A13



3D3937



7D2A00



FC5500

Inverse Universe

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



13587B



006BA1



13247B



373B3D



00537D



00A7FC

Previews

White Background



This preview shows how the Hex color 7B3613 looks on a white background.

Color Contrast Check

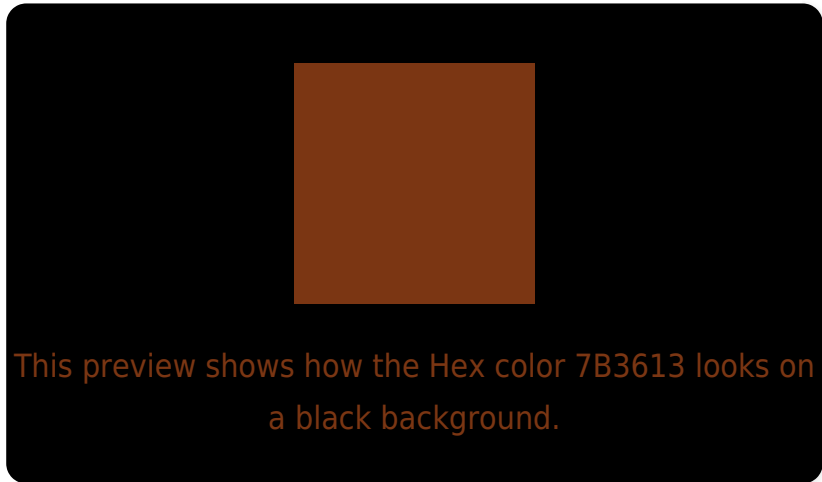
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B3613 Background



This preview shows how black text looks on a background with the Hex color 7B3613.



This preview shows how white text looks on a background with the Hex color 7B3613.

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
7B3613

Protanopia
544B18

Deuteranopia
5F470A



Tritanopia
7C3336

Trichromacy



Original Color
7B3613

Protanomaly
624316

Deuteranomaly
69410D

Tritanomaly
7C3429

Monochromacy



Original Color
7B3613

Achromatopsia
474747

Achromatomaly
5A4134

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B3613 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 #7B3613 looks like.

```
.text, #text, p{  
    color:#7B3613  
}
```

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 #7B3613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3613
}
```

Border

The CSS property to change the border of an element to Hex 7B3613 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".

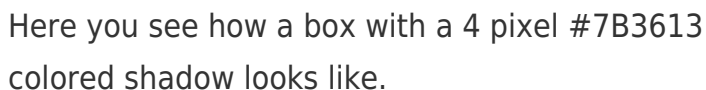
```
.border, #border, table{ border:4px solid
#7B3613 }
```

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

```
.border{ border-color:#7B3613 }
```

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

Here you see how a box with a 4 pixel #7B3613 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3613; -webkit-box-shadow:4px 4px  
4px 4px #7B3613; box-shadow:4px 4px 4px  
4px #7B3613 }
```

Background

The CSS property to change the background color of an element to Hex 7B3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3613 }
```

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

```
.background{ background-color:#7B3613 }
```

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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