

Converting Colors

Hex(7B3838)

Have a look what the booklet for
Hex(7B3838) contains.

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Color

Hex(7B3838)

Conversions

Conversions Part 1

Format	Color
Hex	7B3838
RGB	123, 56, 56
RGB Percent	48%, 22%, 22%
CMY	0.5176, 0.7804, 0.7804
CMYK	0.00, 0.54, 0.54, 0.52
HSL	0°, 37%, 35%
HSV	0°, 54%, 48%
XYZ	10.2964, 7.3248, 4.6125
YIQ	76.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

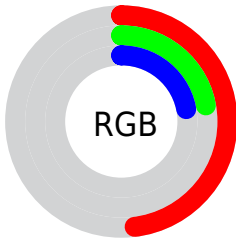
Format	Color
R_{YB}	123, 56, 56
Decimal	8075320
CIE _{Lab}	32.54, 29.15, 13.96
CIE _{LCh}	33, 32.319, 25.594
Yxy	7.3248, 0.4631, 0.3294
Android (android.graphics.Color)	4286265400 (0xFF7B3838)
YUV	76.0330, -9.8763, 41.1901
Hunter-Lab	27.0644, 20.5457, 8.8404

Details

The Hex color **7B3838** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **387B7B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B36967**, and **46070D** is the 20% darker color. If you saturate the color by 10%, you get **7B2C2C**, and if you desaturate by 10%, it is **7B4444**.

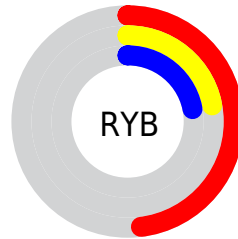
Distribution



Red (48%)

Green (22%)

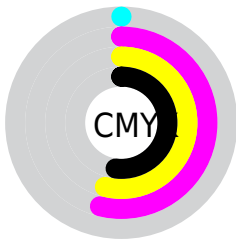
Blue (22%)



Red (48%)

Yellow (22%)

Blue (22%)

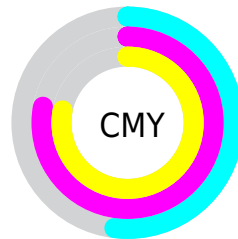


Cyan (0%)

Magenta (54%)

Yellow (54%)

Black (52%)



Cyan (52%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B3838 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 7B3838 by changing the saturation by 10% instead.

 7B3838

 7B3838

FFFFFF

 602023

 B36967

 46070D

 CF8380

 2E0000

 ED9D9A

 000000

 FFB9B5

 FFD4D0

 FFF1EC

 7B3838

 7B3838

 7B2C2C

 7B4444

 7B1F1F

 7B5151

 7B1313

 7B5D5D

 7B0707

 7B6969

 7B0000

 7B7676

 7B8282

 7B8E8E

 7B9A9A

 7BA7A7

Harmonies

Analogous

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



793651



7B3838



714023

Triad

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



7B3838



25562F



00507F

Complementary

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



7B3838



387B7B

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.



005676



7B3838



005948

Square

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



7B3838



45521C



005962



47477B

Rectangle

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



7B3838



65471A



005962



00537E

Sweetspot

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



7B3838



A18787



7B387B



524242



D1D1D1



525252

Same Dimension

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



7B3838



A13838



7B5A38



3D3737



7D0000



FC0000

Inverse Universe

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



387B7B



38A1A1



385A7B



373D3D



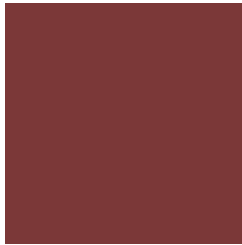
007D7D



00FCFC

Previews

White Background



This preview shows how the Hex color 7B3838 looks on a white background.

Color Contrast Check

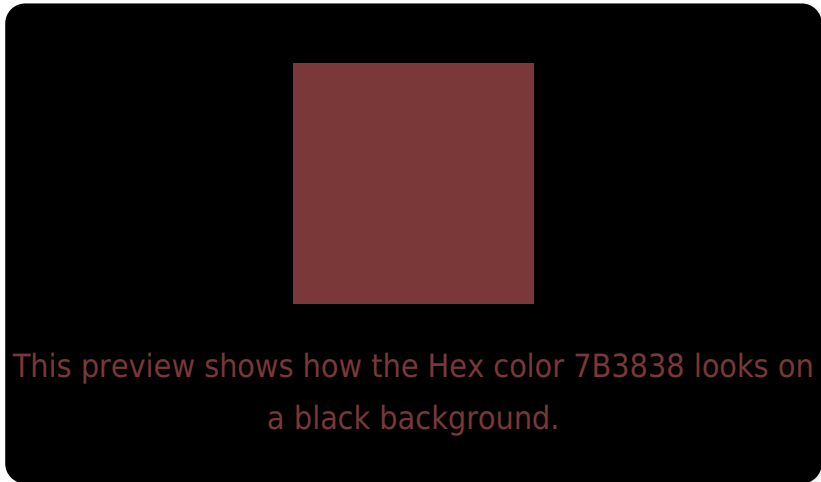
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B3838 Background



This preview shows how black text looks on a background with the Hex color 7B3838.

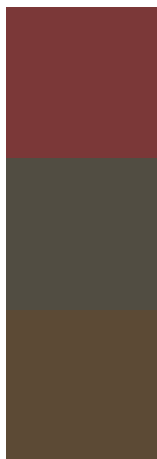


This preview shows how white text looks on a background with the Hex color 7B3838.

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
7B3838

Protanopia
514D42

Deuteranopia
5C4A35



Tritanopia
7B373B

Trichromacy



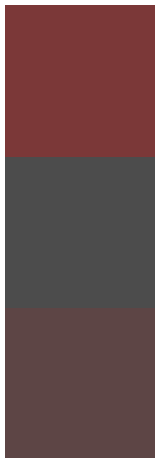
Original Color
7B3838

Protanomaly
60453E

Deuteranomaly
674336

Tritanomaly
7B373A

Monochromacy



Original Color
7B3838

Achromatopsia
4C4C4C

Achromatomaly
5D4545

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B3838 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 #7B3838 looks like.

```
.text, #text, p{  
    color:#7B3838  
}
```

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 #7B3838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3838
}
```

Border

The CSS property to change the border of an element to Hex 7B3838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

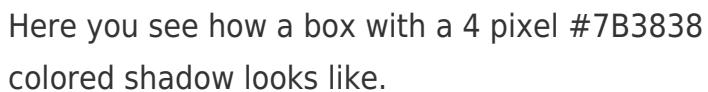
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3838 }
```

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

```
.border{ border-color:#7B3838 }
```

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



Here you see how a box with a 4 pixel #7B3838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3838; -webkit-box-shadow:4px 4px  
4px 4px #7B3838; box-shadow:4px 4px 4px  
4px #7B3838 }
```

Background

The CSS property to change the background color of an element to Hex 7B3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3838 }
```

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

```
.background{ background-color:#7B3838 }
```

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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