

Converting Colors

Hex(7A3836)

Have a look what the booklet for
Hex(7A3836) contains.

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Color

Hex(7A3836)

Conversions

Conversions Part 1

Format	Color
Hex	7A3836
RGB	122, 56, 54
RGB Percent	48%, 22%, 21%
CMY	0.5216, 0.7804, 0.7882
CMYK	0.00, 0.54, 0.56, 0.52
HSL	2°, 39%, 35%
HSV	2°, 56%, 48%
XYZ	10.1061, 7.2323, 4.3533
YIQ	75.5060, 39.9780, 13.3700

Conversions

Conversions Part 2

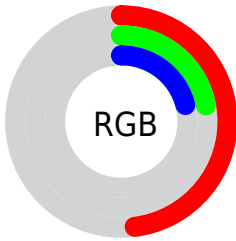
Format	Color
RYB	122, 56, 54
Decimal	8009782
CIELab	32.33, 28.56, 14.94
CIELCh	32, 32.227, 27.616
Yxy	7.2323, 0.4659, 0.3334
Android (android.graphics.Color)	4286199862 (0xFF7A3836)
YUV	75.5060, -10.6025, 40.7752
Hunter-Lab	26.8929, 20.0160, 9.2273

Details

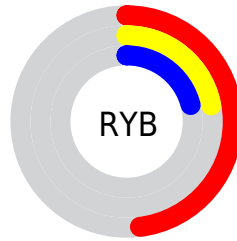
The Hex color **7A3836** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36787A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B26965**, and **45080A** is the 20% darker color. If you saturate the color by 10%, you get **7A2C2A**, and if you desaturate by 10%, it is **7A4442**.

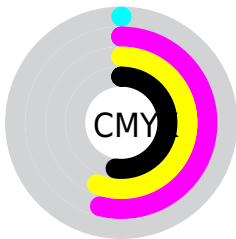
Distribution



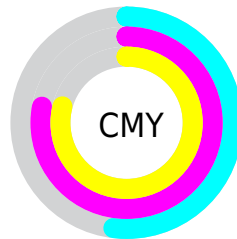
- Red (48%)
- Green (22%)
- Blue (21%)



- Red (48%)
- Yellow (22%)
- Blue (21%)



- Cyan (0%)
- Magenta (54%)
- Yellow (56%)
- Black (52%)



- Cyan (52%)
- Magenta (78%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A3836 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 7A3836 by changing the saturation by 10% instead.

 7A3836

 7A3836

FFFFFF

 5F2121

 B26965

 45080A

 CE837E

 2D0000

 EC9D98

 000000

 FFB8B2

 FFD4CE

 FFF1EA

 7A3836

 7A3836

 7A2C2A

 7A4442

 7A201E

 7A504E

 7A1411

 7A5C5B

 7A0905

 7A6767

 7A0400

 7A7373

 7A7F7F

 7A8B8B

 7A9798

 7AA3A4

Harmonies

Analogous

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



79364F



7A3836



6F4121

Triad

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



7A3836



225630



094F7F

Complementary

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



7A3836



36787A

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.



005576



7A3836



005849

Square

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



7A3836



43511D



005863



4A4679

Rectangle

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



7A3836



634719



005863



00527D

Sweetspot

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



7A3836



9E8483



7A3679



4F403F



CFCFCF



4F4F4F

Same Dimension

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



7A3836



9E3734



7A5936



3D3737



7D0400



FC0700

Inverse Universe

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



36787A



349B9E



36577A



373D3D



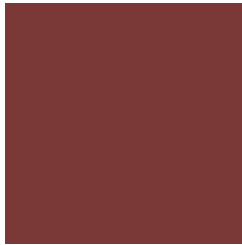
00797D



00F5FC

Previews

White Background



This preview shows how the Hex color 7A3836 looks on a white background.

Color Contrast Check

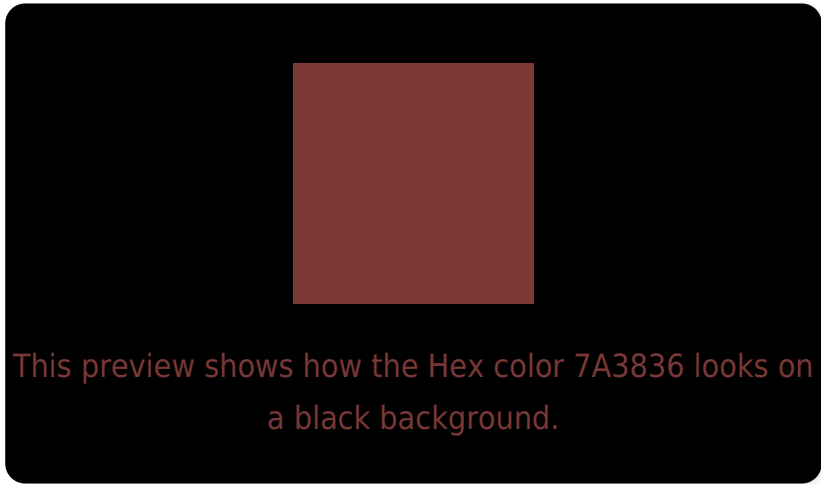
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A3836 Background



This preview shows how black text looks on a background with the Hex color 7A3836.

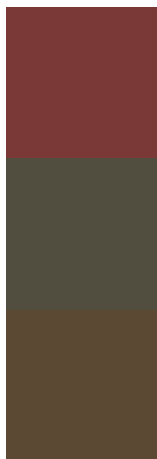


This preview shows how white text looks on a background with the Hex color 7A3836.

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
7A3836

Protanopia
514D3F

Deuteranopia
5C4933



Tritanopia
7A373B

Trichromacy



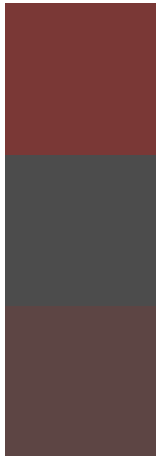
Original Color
7A3836

Protanomaly
60453C

Deuteranomaly
674334

Tritanomaly
7A3739

Monochromacy



Original Color
7A3836

Achromatopsia
4C4C4C

Achromatomaly
5D4544

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A3836 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 #7A3836 looks like.

```
.text, #text, p{  
    color:#7A3836  
}
```

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 #7A3836 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3836
}
```

Border

The CSS property to change the border of an element to Hex 7A3836 is called "border". The border property can be set on classes, ids or directly on the HTML element.

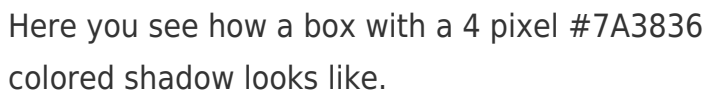
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3836 }
```

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

```
.border{ border-color:#7A3836 }
```

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



Here you see how a box with a 4 pixel #7A3836 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3836; -webkit-box-shadow:4px 4px  
4px 4px #7A3836; box-shadow:4px 4px 4px  
4px #7A3836 }
```

Background

The CSS property to change the background color of an element to Hex 7A3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3836 }
```

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

```
.background{ background-color:#7A3836 }
```

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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