

# Converting Colors

Hex(7B3539)

Have a look what the booklet for  
Hex(7B3539) contains.

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**Color**

**Hex(7B3539)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B3539
RGB	123, 53, 57
RGB Percent	48%, 21%, 22%
CMY	0.5176, 0.7922, 0.7765
CMYK	0.00, 0.57, 0.54, 0.52
HSL	357°, 40%, 35%
HSV	357°, 57%, 48%
XYZ	10.1800, 7.0526, 4.6956
YIQ	74.3860, 40.4360, 16.0840

# Conversions

## Conversions Part 2

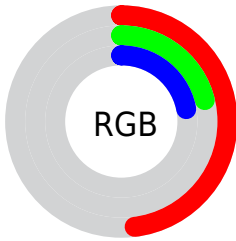
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 53, 57
Decimal	8074553
CIE Lab	31.93, 30.87, 12.50
CIE LCh	32, 33.305, 22.036
Yxy	7.0526, 0.4642, 0.3216
Android (android.graphics.Color)	4286264633 (0xFF7B3539)
YUV	74.3860, -8.5713, 42.6345
Hunter-Lab	26.5567, 21.9505, 8.1063

# Details

The Hex color **7B3539** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **357B77**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B36668**, and **46030E** is the 20% darker color. If you saturate the color by 10%, you get **7B292D**, and if you desaturate by 10%, it is **7B4145**.

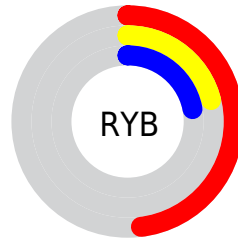
# Distribution



Red (48%)

Green (21%)

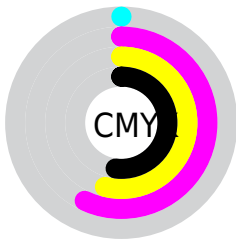
Blue (22%)



Red (48%)

Yellow (21%)

Blue (22%)

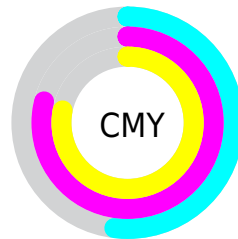


Cyan (0%)

Magenta (57%)

Yellow (54%)

Black (52%)



Cyan (52%)

Magenta (79%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B3539 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 7B3539 by changing the saturation by 10% instead.



 7B3539

 7B3539

FFFFFF

 601D24

 B36668

 46030E

 CF8081

 2F0000

 ED9A9B

 000000

 FFB6B6

 FFD1D1

 FFEEDD

 7B3539

 7B3539

 7B292D

 7B4145

 7B1C22

 7B4E50

 7B1016

 7B5A5C

 7B040B

 7B6667

 7B0007

 7B7373

 7B7F7F

 7B8B8A

 7B9796

 7BA4A1

# Harmonies

## Analogous

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



773453



7B3539



723D22

# Triad

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



7B3539



265529



00507F

# Complementary

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



7B3539



357B77

# 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.



005674



7B3539



005743

# Square

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



7B3539



475017



00585E



40477C

# Rectangle

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



7B3539



664418



00585E



00527D



# Sweetspot

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



7B3539



A18587



76357B



524142



D1D1D1



525252



# Same Dimension

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



7B3539



A1333A



7B5335



3D3737



7D0007



FC000E



# Inverse Universe

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



7B3539



A1333A



355D7B



3D3737



7D0007

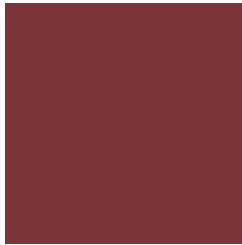


FC000E



# Previews

## White Background



This preview shows how the Hex color 7B3539 looks on a white background.

## Color Contrast Check

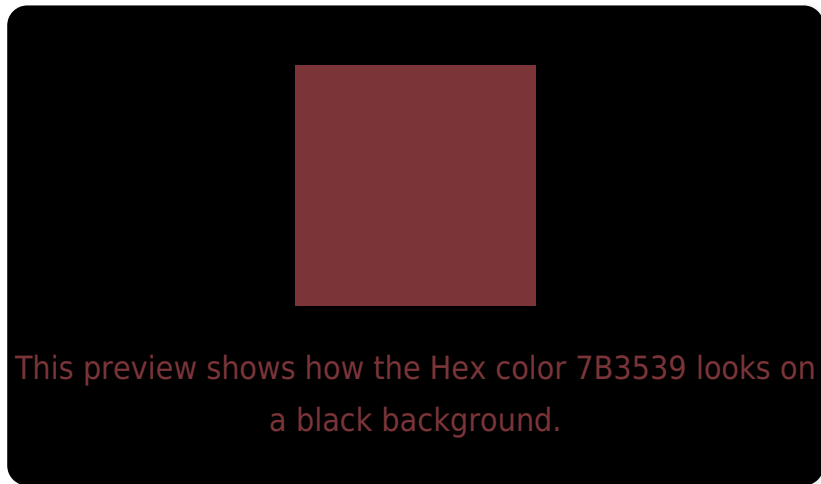
Large Text (above 18pt) WCAG AA ✓ Pass

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

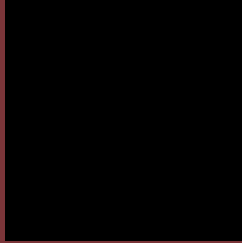
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B3539 Background



This preview shows how black text looks on a background with the Hex color 7B3539.



This preview shows how white text looks on a background with the Hex color 7B3539.

# 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**  
7B3539

**Protanopia**  
4F4C44

**Deuteranopia**  
5A4936



**Tritanopia**  
7B3539

# Trichromacy



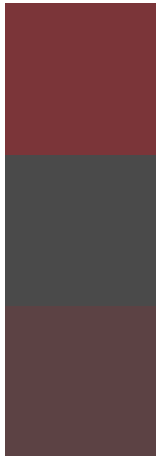
**Original Color**  
7B3539

**Protanomaly**  
5F4440

**Deuteranomaly**  
664237

**Tritanomaly**  
7B3539

# Monochromacy



**Original Color**  
7B3539

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
5C4244

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B3539 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 #7B3539 looks like.

```
.text, #text, p{  
    color:#7B3539  
}
```

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 #7B3539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B3539
}
```

## Border

The CSS property to change the border of an element to Hex 7B3539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

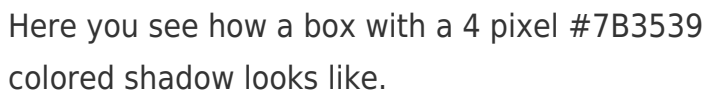
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B3539 }
```

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

```
.border{ border-color:#7B3539 }
```

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



Here you see how a box with a 4 pixel #7B3539 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B3539; -webkit-box-shadow:4px 4px  
4px 4px #7B3539; box-shadow:4px 4px 4px  
4px #7B3539 }
```

# Background

The CSS property to change the background color of an element to Hex 7B3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B3539 }
```

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

```
.background{ background-color:#7B3539 }
```

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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