

# Converting Colors

Hex(7A3437)

Have a look what the booklet for  
Hex(7A3437) contains.

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**Color**

**Hex(7A3437)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A3437
RGB	122, 52, 55
RGB Percent	48%, 20%, 22%
CMY	0.5216, 0.7961, 0.7843
CMYK	0.00, 0.57, 0.55, 0.52
HSL	357°, 40%, 34%
HSV	357°, 57%, 48%
XYZ	9.9436, 6.8694, 4.4163
YIQ	73.2720, 40.7570, 15.7730

# Conversions

## Conversions Part 2

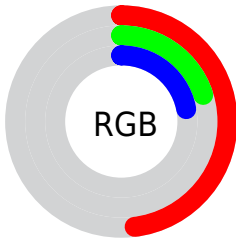
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 52, 55
Decimal	8008759
CIE Lab	31.51, 30.82, 13.19
CIE LCh	32, 33.528, 23.172
Yxy	6.8694, 0.4684, 0.3236
Android (android.graphics.Color)	4286198839 (0xFF7A3437)
YUV	73.2720, -9.0081, 42.7345
Hunter-Lab	26.2095, 21.8544, 8.3564

# Details

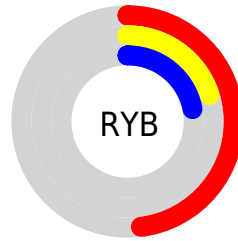
The Hex color **7A3437** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **347A77**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B26566**, and **45020C** is the 20% darker color. If you saturate the color by 10%, you get **7A282B**, and if you desaturate by 10%, it is **7A4043**.

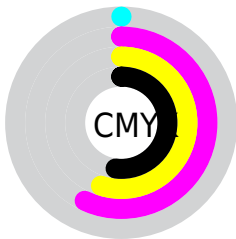
# Distribution



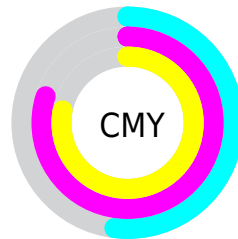
- Red (48%)
- Green (20%)
- Blue (22%)



- Red (48%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (55%)
- Black (52%)



- Cyan (52%)
- Magenta (80%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A3437 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 7A3437 by changing the saturation by 10% instead.



 7A3437

 7A3437

FFFFFF

 5F1C22

 B26566

 45020C

 CE7F7F

 2E0001

 EC9999

 000000

 FFB4B3

 FFD0CF

 FFEDEB

 7A3437

 7A3437

 7A282B

 7A4043

 7A1C20

 7A4C4E

 7A0F14

 7A595A

 7A0308

 7A6566

 7A0005

 7A7171

 7A7D7D

 7A8989

 7A9694

 7AA2A0

# Harmonies

## Analogous

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



773351



7A3437



703D21

# Triad

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



7A3437



235429



004F7E

# Complementary

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



7A3437



347A77

# 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.



005474



7A3437



005743

# Square

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



7A3437



444F16



00575E



41467B

# Rectangle

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



7A3437



654316



00575E



00517C



# Sweetspot

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



7A3437



9E8384



76347A



4F3F40



CFCFCF



4F4F4F



# Same Dimension

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



7A3437



9E3136



7A5434



3D3737



7D0005



FC000B



# Inverse Universe

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



7A3437



9E3136



345B7A



3D3737



7D0005

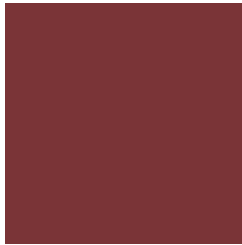


FC000B



# Previews

## White Background



This preview shows how the Hex color 7A3437 looks on a white background.

## Color Contrast Check

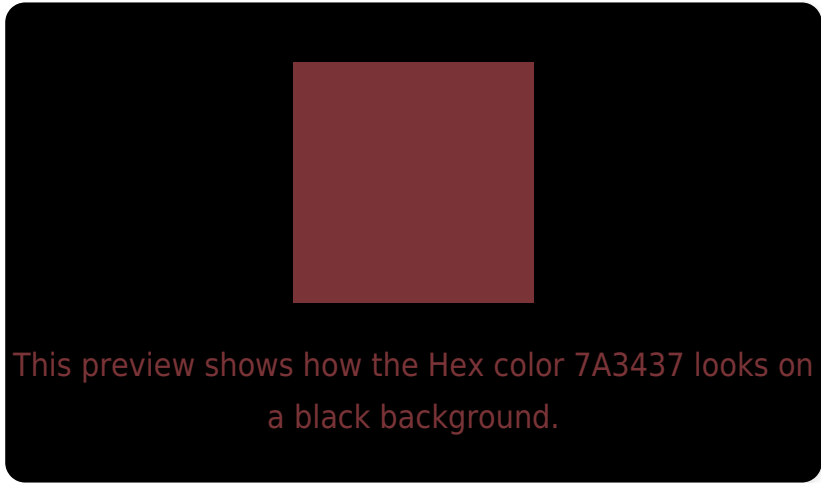
Large Text (above 18pt) WCAG AA ✓ Pass

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

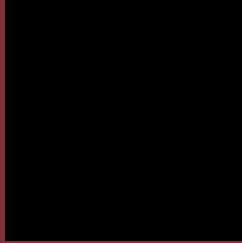
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A3437 Background



This preview shows how black text looks on a background with the Hex color 7A3437.



This preview shows how white text looks on a background with the Hex color 7A3437.

# 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**  
7A3437

**Protanopia**  
4E4B41

**Deuteranopia**  
594834



**Tritanopia**  
7A3437

# Trichromacy



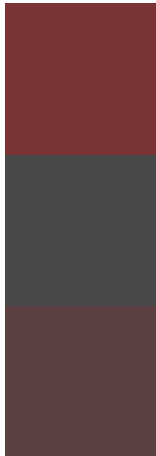
**Original Color**  
7A3437

**Protanomaly**  
5E433D

**Deuteranomaly**  
654135

**Tritanomaly**  
7A3437

# Monochromacy



**Original Color**  
7A3437

**Achromatopsia**  
494949

**Achromatomaly**  
5B4142

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A3437 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 #7A3437 looks like.

```
.text, #text, p{  
    color:#7A3437  
}
```

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 #7A3437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3437
}
```

## Border

The CSS property to change the border of an element to Hex 7A3437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

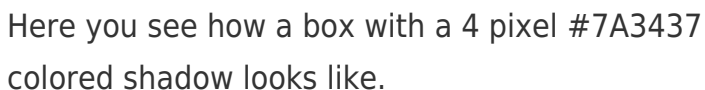
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3437 }
```

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

```
.border{ border-color:#7A3437 }
```

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



Here you see how a box with a 4 pixel #7A3437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3437; -webkit-box-shadow:4px 4px  
4px 4px #7A3437; box-shadow:4px 4px 4px  
4px #7A3437 }
```

# Background

The CSS property to change the background color of an element to Hex 7A3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3437 }
```

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

```
.background{ background-color:#7A3437 }
```

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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