

# Converting Colors

Hex(7A3944)

Have a look what the booklet for  
Hex(7A3944) contains.

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**Color**

**Hex(7A3944)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A3944
RGB	122, 57, 68
RGB Percent	48%, 22%, 27%
CMY	0.5216, 0.7765, 0.7333
CMYK	0.00, 0.53, 0.44, 0.52
HSL	350°, 36%, 35%
HSV	350°, 53%, 48%
XYZ	10.5326, 7.4812, 6.3577
YIQ	77.6890, 35.2090, 17.2010

# Conversions

## Conversions Part 2

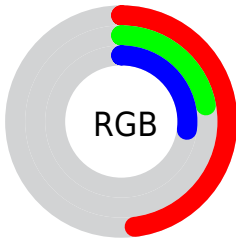
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 57, 68
Decimal	8010052
CIELab	32.88, 29.48, 6.68
CIELCh	33, 30.227, 12.771
Yxy	7.4812, 0.4322, 0.3070
Android (android.graphics.Color)	4286200132 (0xFF7A3944)
YUV	77.6890, -4.7767, 38.8607
Hunter-Lab	27.3518, 20.8708, 5.3647

# Details

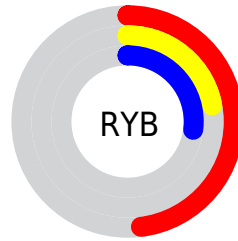
The Hex color **7A3944** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **397A6F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B16A74**, and **460819** is the 20% darker color. If you saturate the color by 10%, you get **7A2D3A**, and if you desaturate by 10%, it is **7A454E**.

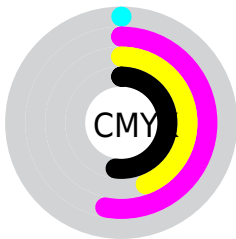
# Distribution



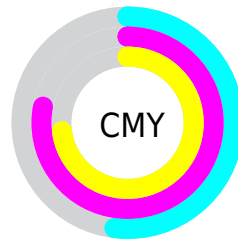
- Red (48%)
- Green (22%)
- Blue (27%)



- Red (48%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (53%)
- Yellow (44%)
- Black (52%)



- Cyan (52%)
- Magenta (78%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A3944 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 7A3944 by changing the saturation by 10% instead.



 7A3944

 7A3944

FFFFFF

 60212E

 B16A74

 460819

 CD848D

 2F0000

 EA9EA8

 000000

 FFBAC3

 FFD6DF

 FFF2FC

 7A3944

 7A3944

 7A2D3A

 7A454E

 7A2130

 7A5158

 7A1426

 7A5E62

 7A081B

 7A6A6D

 7A0015

 7A7677

 7A8281

 7A8E8B

 7A9B95

 7AA79F

# Harmonies

## Analogous

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



723B5C



7A3944



753E2E

# Triad

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



7A3944



375529



00547B

# Complementary

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



7A3944



397A6F

# 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.



00586D



7A3944



0D583E

# Square

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



7A3944



514F1D



005957



374C7C

# Rectangle

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



7A3944



6C4423



005957



005577



# Sweetspot

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



7A3944



9E8589



6E397A



4F4043



CFCFCF



4F4F4F



# Same Dimension

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



7A3944



9E394A



7A4E39



3D3738



7D0015



FC002B



# Inverse Universe

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



7A3944



9E394A



39657A



3D3738



7D0015

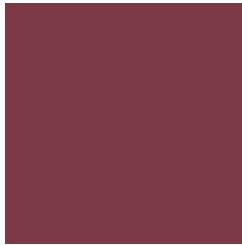


FC002B



# Previews

## White Background



This preview shows how the Hex color 7A3944 looks on a white background.

## Color Contrast Check

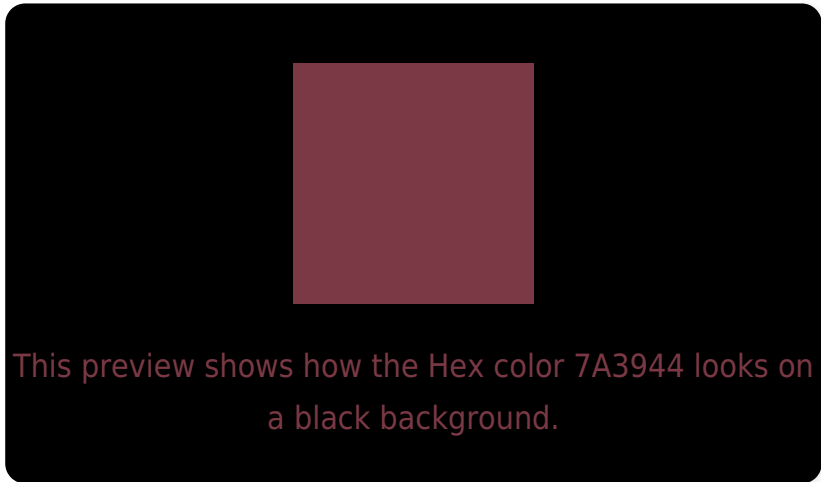
Large Text (above 18pt) WCAG AA ✓ Pass

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

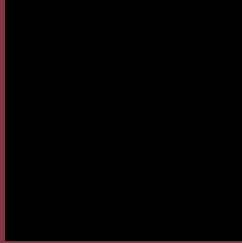
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A3944 Background



This preview shows how black text looks on a background with the Hex color 7A3944.



This preview shows how white text looks on a background with the Hex color 7A3944.

# 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**

7A3944

**Protanopia**

4F4E4F

**Deuteranopia**

5A4B41



**Tritanopia**  
7A3A3E

# Trichromacy



**Original Color**  
7A3944

**Protanomaly**  
5F464B

**Deuteranomaly**  
664442

**Tritanomaly**  
7A3A40

# Monochromacy



**Original Color**  
7A3944

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5E464A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A3944 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 #7A3944 looks like.

```
.text, #text, p{  
    color:#7A3944  
}
```

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 #7A3944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3944
}
```

## Border

The CSS property to change the border of an element to Hex 7A3944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

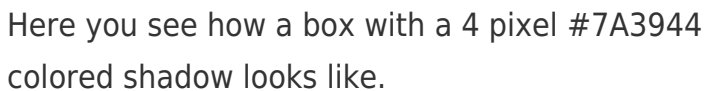
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3944 }
```

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

```
.border{ border-color:#7A3944 }
```

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



Here you see how a box with a 4 pixel #7A3944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3944; -webkit-box-shadow:4px 4px  
4px 4px #7A3944; box-shadow:4px 4px 4px  
4px #7A3944 }
```

# Background

The CSS property to change the background color of an element to Hex 7A3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3944 }
```

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

```
.background{ background-color:#7A3944 }
```

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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