

# Converting Colors

Hex(7A3E52)

Have a look what the booklet for  
Hex(7A3E52) contains.

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**Color**

**Hex(7A3E52)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A3E52
RGB	122, 62, 82
RGB Percent	48%, 24%, 32%
CMY	0.5216, 0.7569, 0.6784
CMYK	0.00, 0.49, 0.33, 0.52
HSL	340°, 33%, 36%
HSV	340°, 49%, 48%
XYZ	11.2717, 8.1920, 8.9698
YIQ	82.2200, 29.3400, 18.9400

# Conversions

## Conversions Part 2

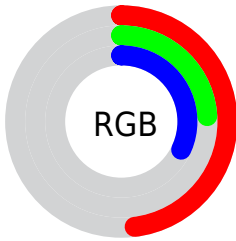
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 62, 82
Decimal	8011346
CIE <sub>Lab</sub>	34.38, 28.50, -0.16
CIE <sub>LCh</sub>	34, 28.499, 359.674
Yxy	8.1920, 0.3964, 0.2881
Android (android.graphics.Color)	4286201426 (0xFF7A3E52)
YUV	82.2200, -0.1085, 34.8871
Hunter-Lab	28.6217, 20.2080, 1.4543

# Details

The Hex color **7A3E52** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E7A66**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B06F83**, and **470F25** is the 20% darker color. If you saturate the color by 10%, you get **7A324A**, and if you desaturate by 10%, it is **7A4A5A**.

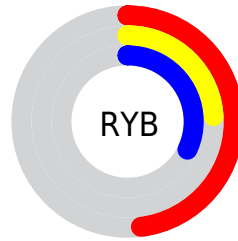
# Distribution



Red (48%)

Green (24%)

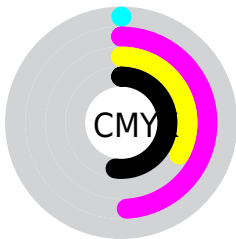
Blue (32%)



Red (48%)

Yellow (24%)

Blue (32%)

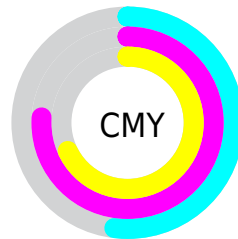


Cyan (0%)

Magenta (49%)

Yellow (33%)

Black (52%)



Cyan (52%)

Magenta (76%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A3E52 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 7A3E52 by changing the saturation by 10% instead.



7A3E52

7A3E52

FFFFFF

60263B

B06F83

470F25

CC899D

2F0010

E9A4B8

0B0000

FFBFD4

000000

FFDBF0

FFF8FF

7A3E52

7A3E52

7A324A

7A4A5A

 7A2642

 7A5662

 7A193A

 7A636A

 7A0D31

 7A6F73

 7A0129

 7A7B7B

 7A0029

 7A8783

 7A938B

 7AA093

 7AAC9B

# Harmonies

## Analogous

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



6D4368



7A3E52



7B403C

# Triad

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



7A3E52



485628



005977

# Complementary

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



7A3E52



3E7A66

# 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.



005C67



7A3E52



2B5A39

# Square

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



7A3E52



5F4F22



005C50



28537E

# Rectangle

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



7A3E52



75452F



005C50



005A73



# Sweetspot

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



7A3E52



9E868E



663E7A



4F4146



CFCFCF



4F4F4F



# Same Dimension

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



7A3E52



9E4160



7A483E



3D3739



7D002A



FC0054



# Inverse Universe

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



7A3E52



9E4160



3E707A



3D3739



7D002A

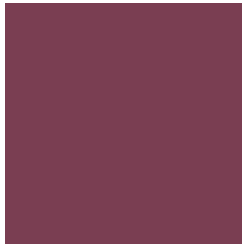


FC0054



# Previews

## White Background



This preview shows how the Hex color 7A3E52 looks on a white background.

## Color Contrast Check

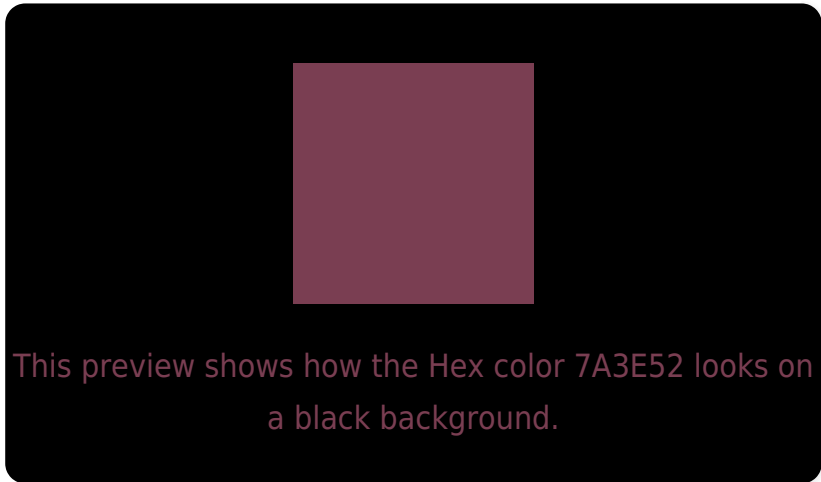
Large Text (above 18pt) WCAG AA ✓ Pass

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

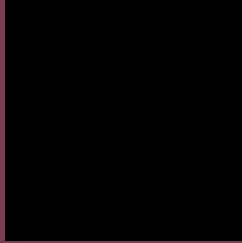
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A3E52 Background



This preview shows how black text looks on a background with the Hex color 7A3E52.



This preview shows how white text looks on a background with the Hex color 7A3E52.

# 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**  
7A3E52

**Protanopia**  
4F515D

**Deuteranopia**  
5A4F4F



**Tritanopia**  
794045

# Trichromacy



**Original Color**  
7A3E52

**Protanomaly**  
5F4A59

**Deuteranomaly**  
664950

**Tritanomaly**  
793F4A

# Monochromacy



**Original Color**  
7A3E52

**Achromatopsia**  
525252

**Achromatomaly**  
614B52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A3E52 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 #7A3E52 looks like.

```
.text, #text, p{  
    color:#7A3E52  
}
```

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 #7A3E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3E52
}
```

## Border

The CSS property to change the border of an element to Hex 7A3E52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

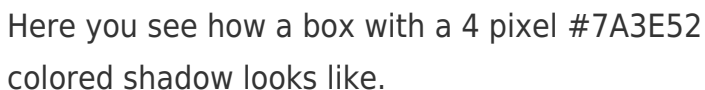
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3E52 }
```

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

```
.border{ border-color:#7A3E52 }
```

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



Here you see how a box with a 4 pixel #7A3E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3E52; -webkit-box-shadow:4px 4px  
4px 4px #7A3E52; box-shadow:4px 4px 4px  
4px #7A3E52 }
```

# Background

The CSS property to change the background color of an element to Hex 7A3E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3E52 }
```

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

```
.background{ background-color:#7A3E52 }
```

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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