

# Converting Colors

Hex(7A3D52)

Have a look what the booklet for  
Hex(7A3D52) contains.

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# Color

Hex(7A3D52)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A3D52
RGB	122, 61, 82
RGB Percent	48%, 24%, 32%
CMY	0.5216, 0.7608, 0.6784
CMYK	0.00, 0.50, 0.33, 0.52
HSL	339°, 33%, 36%
HSV	339°, 50%, 48%
XYZ	11.2178, 8.0843, 8.9518
YIQ	81.6330, 29.6150, 19.4630

# Conversions

## Conversions Part 2

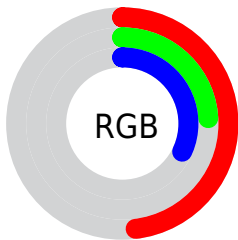
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 61, 82
Decimal	8011090
CIE <sub>Lab</sub>	34.16, 29.06, -0.49
CIE <sub>LCh</sub>	34, 29.067, 359.041
Yxy	8.0843, 0.3970, 0.2861
Android (android.graphics.Color)	4286201170 (0xFF7A3D52)
YUV	81.6330, 0.1809, 35.4019
Hunter-Lab	28.4328, 20.6672, 1.2361

# Details

The Hex color **7A3D52** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D7A65**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B06E83**, and **470D25** is the 20% darker color. If you saturate the color by 10%, you get **7A314A**, and if you desaturate by 10%, it is **7A495A**.

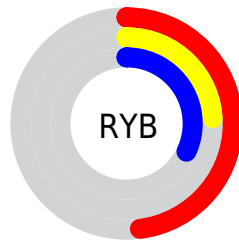
# Distribution



Red (48%)

Green (24%)

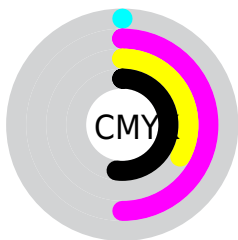
Blue (32%)



Red (48%)

Yellow (24%)

Blue (32%)

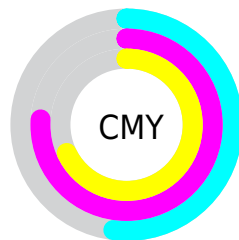


Cyan (0%)

Magenta (50%)

Yellow (33%)

Black (52%)



Cyan (52%)

Magenta (76%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A3D52 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 7A3D52 by changing the saturation by 10% instead.



 7A3D52

 7A3D52

FFFFFF

 60253B

 B06E83

 470D25

 CC889D

 2F0010

 E9A3B8

 0A0000

 FFBED4

 000000

 FFDAF0

 FFF7FF

 7A3D52

 7A3D52

 7A314A

 7A495A

 7A2542

 7A5562

 7A183A

 7A626A

 7A0C32

 7A6E72

 7A002A

 7A7A7A

 7A8682

 7A928A

 7A9F92

 7AAB9A

# Harmonies

## Analogous

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



6C4268



7A3D52



7B3F3B

# Triad

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



7A3D52



475626



005977

# Complementary

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



7A3D52



3D7A65

# 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.



005C66



7A3D52



2A5A38

# Square

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



7A3D52



5F4F21



005C4F



25537E

# Rectangle

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



7A3D52



75442E



005C4F



005A73



# Sweetspot

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



7A3D52



9E868F



653D7A



4F4146



CFCFCF



4F4F4F



# Same Dimension

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



7A3D52



9E3F60



7A463D



3D3739



7D002B



FC0057



# Inverse Universe

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



7A3D52



9E3F60



3D717A



3D3739



7D002B

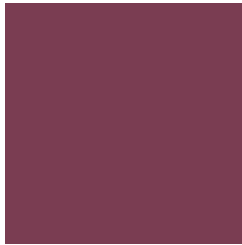


FC0057



# Previews

## White Background



This preview shows how the Hex color 7A3D52 looks on a white background.

## Color Contrast Check

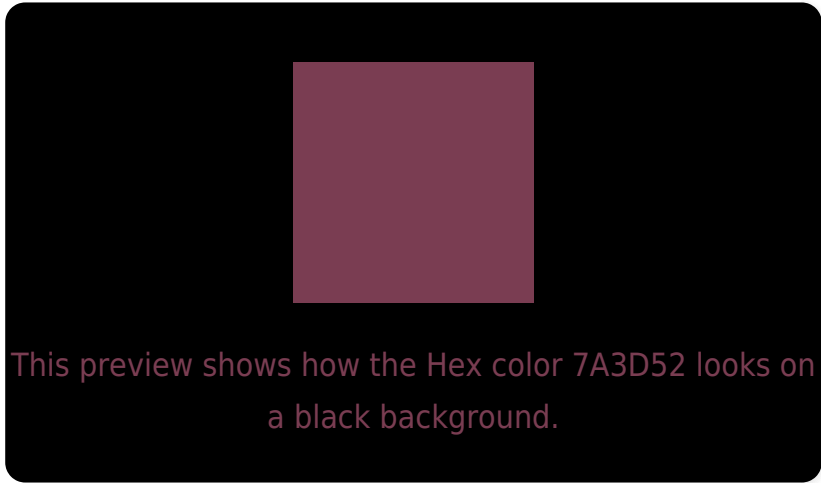
Large Text (above 18pt) WCAG AA ✓ Pass

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

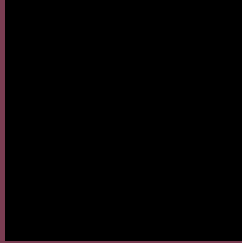
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A3D52 Background



This preview shows how black text looks on a background with the Hex color 7A3D52.



This preview shows how white text looks on a background with the Hex color 7A3D52.

# 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**  
7A3D52

**Protanopia**  
4E505E

**Deuteranopia**  
594E4F



**Tritanopia**  
794044

# Trichromacy



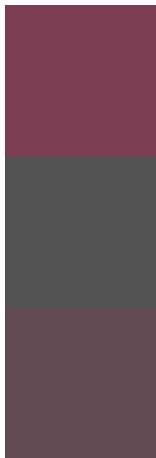
**Original Color**  
7A3D52

**Protanomaly**  
5E495A

**Deuteranomaly**  
654850

**Tritanomaly**  
793F49

# Monochromacy



**Original Color**  
7A3D52

**Achromatopsia**  
525252

**Achromatomaly**  
614A52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A3D52 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 #7A3D52 looks like.

```
.text, #text, p{  
    color:#7A3D52  
}
```

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 #7A3D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3D52
}
```

## Border

The CSS property to change the border of an element to Hex 7A3D52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

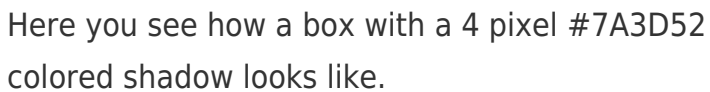
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3D52 }
```

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

```
.border{ border-color:#7A3D52 }
```

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



Here you see how a box with a 4 pixel #7A3D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3D52; -webkit-box-shadow:4px 4px  
4px 4px #7A3D52; box-shadow:4px 4px 4px  
4px #7A3D52 }
```

# Background

The CSS property to change the background color of an element to Hex 7A3D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3D52 }
```

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

```
.background{ background-color:#7A3D52 }
```

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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