

# Converting Colors

Hex(7E3C53)

Have a look what the booklet for  
Hex(7E3C53) contains.

<b>Hex(7E3C53)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7E3C53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E3C53
RGB	126, 60, 83
RGB Percent	49%, 24%, 33%
CMY	0.5059, 0.7647, 0.6745
CMYK	0.00, 0.52, 0.34, 0.51
HSL	339°, 35%, 36%
HSV	339°, 52%, 49%
XYZ	11.7814, 8.2919, 9.1632
YIQ	82.3560, 31.9530, 21.1450

# Conversions

## Conversions Part 2

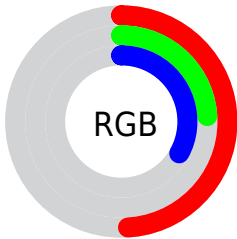
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 60, 83
Decimal	8272979
CIE Lab	34.58, 31.27, -0.43
CIE LCh	35, 31.271, 359.209
Yxy	8.2919, 0.4030, 0.2836
Android (android.graphics.Color)	4286463059 (0xFF7E3C53)
YUV	82.3560, 0.3175, 38.2758
Hunter-Lab	28.7956, 22.6388, 1.2900

# Details

The Hex color **7E3C53** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3C7E67**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B56E84**, and **4A0B26** is the 20% darker color. If you saturate the color by 10%, you get **7E2F4B**, and if you desaturate by 10%, it is **7E495B**.

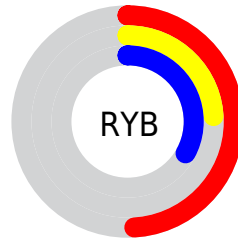
# Distribution



Red (49%)

Green (24%)

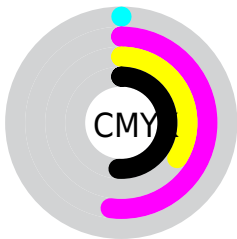
Blue (33%)



Red (49%)

Yellow (24%)

Blue (33%)

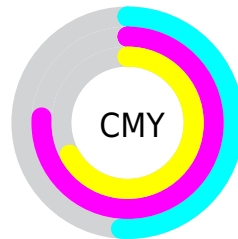


Cyan (0%)

Magenta (52%)

Yellow (34%)

Black (51%)



Cyan (51%)

Magenta (76%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E3C53 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 7E3C53 by changing the saturation by 10% instead.



 7E3C53

 7E3C53

FFFFFF

 64243C

 B56E84

 4A0B26

 D1889E

 320012

 EEA2B9

 120000

 FFBED5

 000000

 FFDAF1

 FFF6FF

 7E3C53

 7E3C53

 7E2F4B

 7E495B

 7E2343

 7E5563

 7E163A

 7E626C

 7E0A32

 7E6E74

 7E002C

 7E7B7C

 7E8884

 7E948C

 7EA195

 7EAD9D

# Harmonies

## Analogous

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



6F416B



7E3C53



7F3E3A

# Triad

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



7E3C53



475724



005A7C

# Complementary

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



7E3C53



3C7E67

# 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.



005D69



7E3C53



275C37

# Square

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



7E3C53



60501E



005E50



1F5483

# Rectangle

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



7E3C53



78442D



005E50



005C76



# Sweetspot

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



7E3C53



A38992



673C7E



524247



D1D1D1



525252



# Same Dimension

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



7E3C53



A33C60



7E463C



40393C



80002C



000000



# Inverse Universe

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



7E3C53



A33C60



3C747E



40393C



80002C

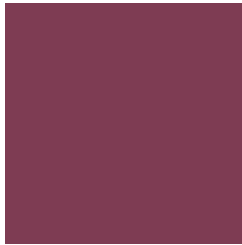


000000



# Previews

## White Background



This preview shows how the Hex color 7E3C53 looks on a white background.

## Color Contrast Check

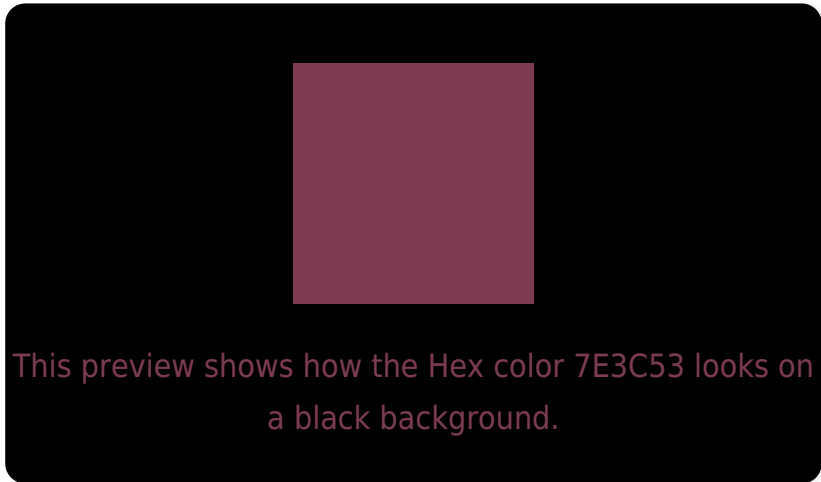
Large Text (above 18pt) WCAG AA ✓ Pass

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

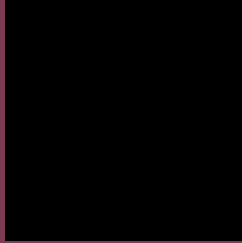
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E3C53 Background



This preview shows how black text looks on a background with the Hex color 7E3C53.

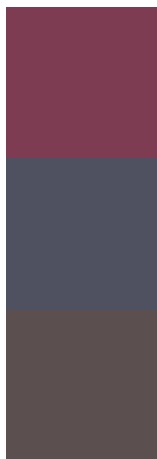


This preview shows how white text looks on a background with the Hex color 7E3C53.

# 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**  
7E3C53

**Protanopia**  
4F5160

**Deuteranopia**  
5B4F50



**Tritanopia**  
7D3F43

# Trichromacy



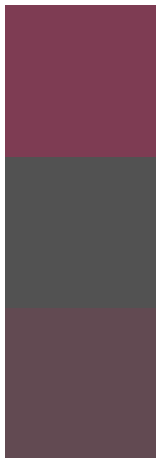
**Original Color**  
7E3C53

**Protanomaly**  
60495B

**Deuteranomaly**  
684851

**Tritanomaly**  
7D3E49

# Monochromacy



**Original Color**  
7E3C53

**Achromatopsia**  
525252

**Achromatomaly**  
624A52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E3C53 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 #7E3C53 looks like.

```
.text, #text, p{  
    color:#7E3C53  
}
```

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 #7E3C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E3C53
}
```

## Border

The CSS property to change the border of an element to Hex 7E3C53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

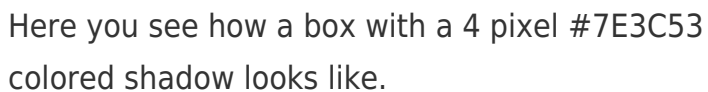
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E3C53 }
```

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

```
.border{ border-color:#7E3C53 }
```

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



Here you see how a box with a 4 pixel `#7E3C53` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E3C53; -webkit-box-shadow:4px 4px  
4px 4px #7E3C53; box-shadow:4px 4px 4px  
4px #7E3C53 }
```

# Background

The CSS property to change the background color of an element to Hex 7E3C53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E3C53 }
```

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

```
.background{ background-color:#7E3C53 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor