

# Converting Colors

Hex(7E3146)

Have a look what the booklet for  
Hex(7E3146) contains.

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**Color**

**Hex(7E3146)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E3146
RGB	126, 49, 70
RGB Percent	49%, 19%, 27%
CMY	0.5059, 0.8078, 0.7255
CMYK	0.00, 0.61, 0.44, 0.51
HSL	344°, 44%, 34%
HSV	344°, 61%, 49%
XYZ	10.8080, 7.0744, 6.5902
YIQ	74.4170, 39.1510, 22.8550

# Conversions

## Conversions Part 2

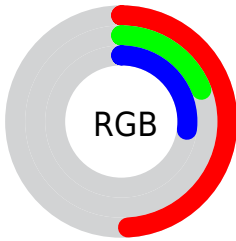
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 49, 70
Decimal	8270150
CIE <sub>Lab</sub>	31.98, 35.44, 4.19
CIE <sub>LCh</sub>	32, 35.691, 6.744
Yxy	7.0744, 0.4416, 0.2891
Android (android.graphics.Color)	4286460230 (0xFF7E3146)
YUV	74.4170, -2.1776, 45.2383
Hunter-Lab	26.5978, 25.9870, 3.9280

# Details

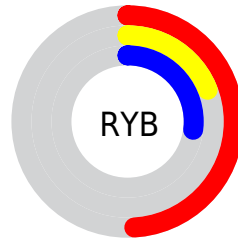
The Hex color **7E3146** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **317E69**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B66376**, and **49001B** is the 20% darker color. If you saturate the color by 10%, you get **7E243D**, and if you desaturate by 10%, it is **7E3E4F**.

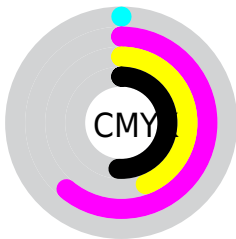
# Distribution



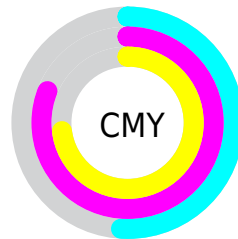
- Red (49%)
- Green (19%)
- Blue (27%)



- Red (49%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (44%)
- Black (51%)



- Cyan (51%)
- Magenta (81%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E3146 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 7E3146 by changing the saturation by 10% instead.



 7E3146

 7E3146

FFFFFF

 631830

 B66376

 49001B

 D27D90

 320001

 F097AA

 020000

 FF83C5

 000000

 FFCFE1

 FFE8FE

 7E3146

 7E3146

 7E243D

 7E3E4F

 7E1834

 7E4A58

 7E0B2B

 7E5761

 7E0022

 7E636B

 7E7074

 7E7D7D

 7E8986

 7E968F

 7EA298

# Harmonies

## Analogous

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



723662



7E3146



7B372B

# Triad

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



7E3146



37531B



00547E

# Complementary

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



7E3146



317E69

# 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.



00586C



7E3146



005734

# Square

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



7E3146



544C0E



005951



1B4C83

# Rectangle

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



7E3146



723E1C



005951



00567A



# Sweetspot

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



7E3146



A3868E



68317E



524045



D1D1D1



525252



# Same Dimension

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



7E3146



A32C4D



7E4231



40393B



800023



000000



# Inverse Universe

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



7E3146



A32C4D



316D7E



40393B



800023

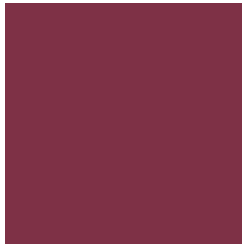


000000



# Previews

## White Background



This preview shows how the Hex color 7E3146 looks on a white background.

## Color Contrast Check

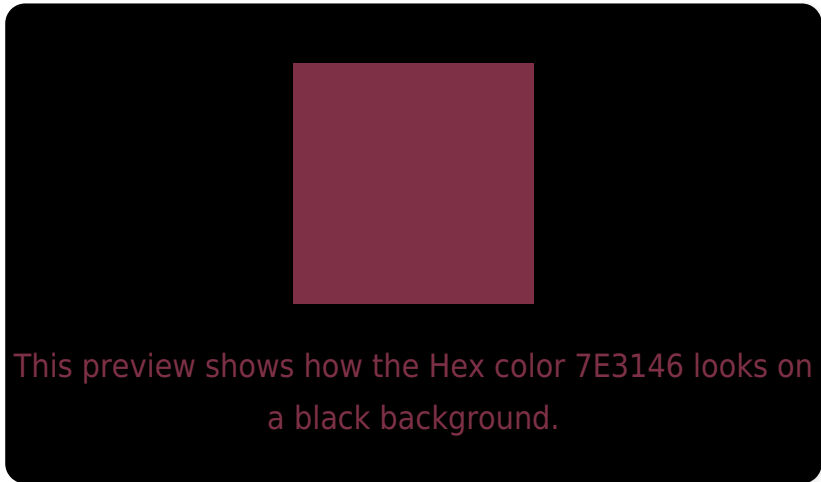
Large Text (above 18pt) WCAG AA ✓ Pass

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

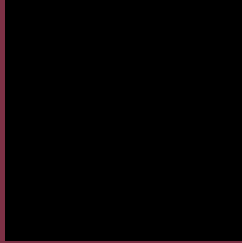
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E3146 Background



This preview shows how black text looks on a background with the Hex color 7E3146.



This preview shows how white text looks on a background with the Hex color 7E3146.

# 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**  
7E3146

**Protanopia**  
4B4C55

**Deuteranopia**  
574942



**Tritanopia**  
7D3437

# Trichromacy



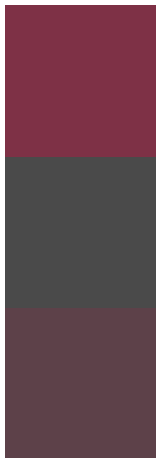
**Original Color**  
7E3146

**Protanomaly**  
5E4250

**Deuteranomaly**  
654043

**Tritanomaly**  
7D333C

# Monochromacy



**Original Color**  
7E3146

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
5D4149

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E3146 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 #7E3146 looks like.

```
.text, #text, p{  
    color:#7E3146  
}
```

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 #7E3146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E3146
}
```

## Border

The CSS property to change the border of an element to Hex 7E3146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

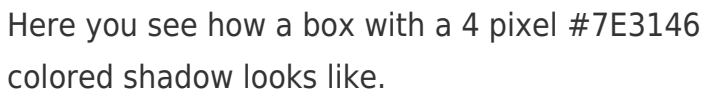
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E3146 }
```

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

```
.border{ border-color:#7E3146 }
```

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



Here you see how a box with a 4 pixel #7E3146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E3146; -webkit-box-shadow:4px 4px  
4px 4px #7E3146; box-shadow:4px 4px 4px  
4px #7E3146 }
```

# Background

The CSS property to change the background color of an element to Hex 7E3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E3146 }
```

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

```
.background{ background-color:#7E3146 }
```

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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