

# Converting Colors

Hex(7E2B39)

Have a look what the booklet for  
Hex(7E2B39) contains.

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# Color

**Hex(7E2B39)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E2B39
RGB	126, 43, 57
RGB Percent	49%, 17%, 22%
CMY	0.5059, 0.8314, 0.7765
CMYK	0.00, 0.66, 0.55, 0.51
HSL	350°, 49%, 33%
HSV	350°, 66%, 49%
XYZ	10.2066, 6.4588, 4.5796
YIQ	69.4130, 44.9740, 21.9500

# Conversions

## Conversions Part 2

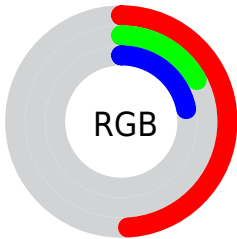
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 43, 57
Decimal	8268601
CIE Lab	30.54, 37.05, 10.69
CIE LCh	31, 38.558, 16.097
Yxy	6.4588, 0.4804, 0.3040
Android (android.graphics.Color)	4286458681 (0xFF7E2B39)
YUV	69.4130, -6.1196, 49.6268
Hunter-Lab	25.4141, 27.2127, 7.1059

# Details

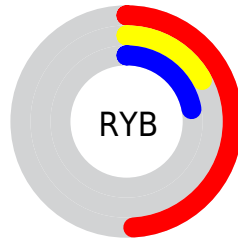
The Hex color **7E2B39** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B7E70**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **B65D68**, and **48000E** is the 20% darker color. If you saturate the color by 10%, you get **7E1E2F**, and if you desaturate by 10%, it is **7E3843**.

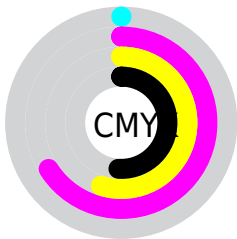
# Distribution



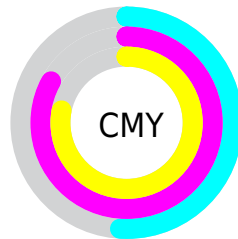
- Red (49%)
- Green (17%)
- Blue (22%)



- Red (49%)
- Yellow (17%)
- Blue (22%)



- Cyan (0%)
- Magenta (66%)
- Yellow (55%)
- Black (51%)



- Cyan (51%)
- Magenta (83%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E2B39 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 7E2B39 by changing the saturation by 10% instead.



 7E2B39

 7E2B39

FFFFFF

 631024

 B65D68

 48000E

 D47781

 310001

 F1929B

 000000

 FFADB6

 FFC9D1

 FFE5ED

 7E2B39

 7E2B39

 7E1E2F

 7E3843

 7E1224

 7E444E

 7E051A

 7E5158

 7E0015

 7E5D63

 7E6A6D

 7E7778

 7E8382

 7E908D

 7E9C97

# Harmonies

## Analogous

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



772D57



7E2B39



76351D

# Triad

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



7E2B39



24521B



004F82

# Complementary

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



7E2B39



2B7E70

# 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.



005473



7E2B39



005538

# Square

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



7E2B39



484B04



005658



2B4682

# Rectangle

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



7E2B39



6A3D0E



005658



00517F



# Sweetspot

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



7E2B39



A38388



6F2B7E



523E41



D1D1D1



525252



# Same Dimension

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



7E2B39



A32238



7E452B



40393A



800016



000000



# Inverse Universe

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



7E2B39



A32238



2B647E



40393A



800016

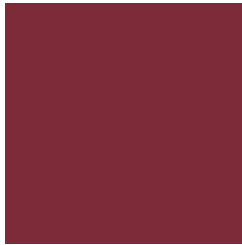


000000



# Previews

## White Background



This preview shows how the Hex color 7E2B39 looks on a white background.

## Color Contrast Check

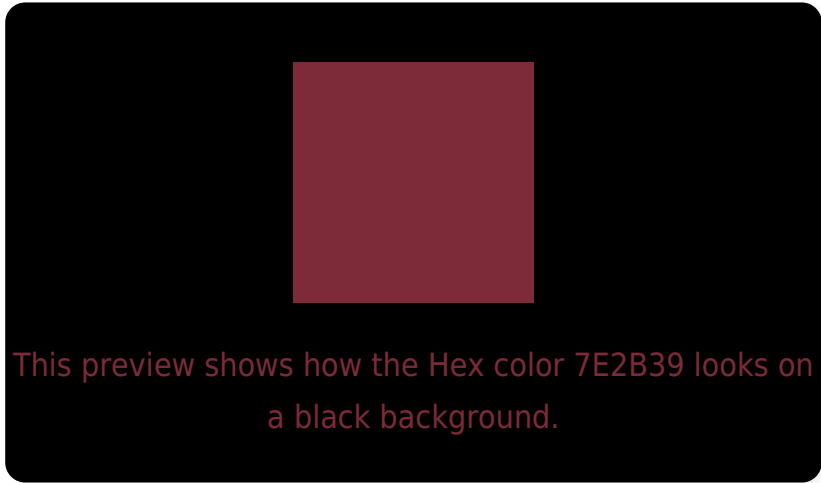
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E2B39 Background



This preview shows how black text looks on a background with the Hex color 7E2B39.



This preview shows how white text looks on a background with the Hex color 7E2B39.

# 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**  
7E2B39

**Protanopia**  
4B4947

**Deuteranopia**  
564635



**Tritanopia**  
7D2D2F

# Trichromacy



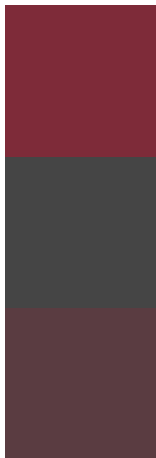
**Original Color**  
7E2B39

**Protanomaly**  
5E3E42

**Deuteranomaly**  
653C36

**Tritanomaly**  
7D2C33

# Monochromacy



**Original Color**  
7E2B39

**Achromatopsia**  
454545

**Achromatomaly**  
5A3C41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E2B39 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 #7E2B39 looks like.

```
.text, #text, p{  
    color:#7E2B39  
}
```

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 #7E2B39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E2B39
}
```

## Border

The CSS property to change the border of an element to Hex 7E2B39 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
#7E2B39 }
```

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

```
.border{ border-color:#7E2B39 }
```

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

Here you see how a box with a 4 pixel #7E2B39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E2B39; -webkit-box-shadow:4px 4px  
4px 4px #7E2B39; box-shadow:4px 4px 4px  
4px #7E2B39 }
```

# Background

The CSS property to change the background color of an element to Hex 7E2B39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E2B39 }
```

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

```
.background{ background-color:#7E2B39 }
```

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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