

# Converting Colors

Hex(7E2622)

Have a look what the booklet for  
Hex(7E2622) contains.

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# Color

**Hex(7E2622)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E2622
RGB	126, 38, 34
RGB Percent	49%, 15%, 13%
CMY	0.5059, 0.8510, 0.8667
CMYK	0.00, 0.70, 0.73, 0.51
HSL	3°, 58%, 31%
HSV	3°, 73%, 49%
XYZ	9.5860, 5.9373, 2.1542
YIQ	63.8560, 53.7320, 17.4120

# Conversions

## Conversions Part 2

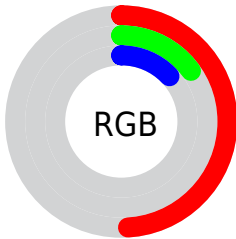
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 38, 34
Decimal	8267298
CIE <sub>Lab</sub>	29.25, 37.68, 23.93
CIE <sub>LCh</sub>	29, 44.637, 32.421
Yxy	5.9373, 0.5423, 0.3359
Android (android.graphics.Color)	4286457378 (0xFF7E2622)
YUV	63.8560, -14.7190, 54.5003
Hunter-Lab	24.3667, 27.5816, 11.8151

# Details

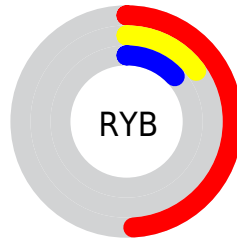
The Hex color **7E2622** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **227A7E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B8594F**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **7E1A15**, and if you desaturate by 10%, it is **7E322F**.

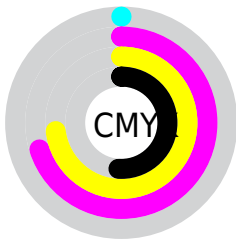
# Distribution



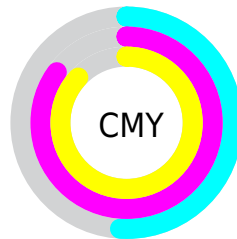
- Red (49%)
- Green (15%)
- Blue (13%)



- Red (49%)
- Yellow (15%)
- Blue (13%)



- Cyan (0%)
- Magenta (70%)
- Yellow (73%)
- Black (51%)



- Cyan (51%)
- Magenta (85%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E2622 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 7E2622 by changing the saturation by 10% instead.



 7E2622

 7E2622

FFFFFF

 62090D

 B8594F

 460000

 D67267

 2E0002

 F48D80

 000000

 FFA89A

 FFC4B5

 FFE0D0

 FFFDED

 7E2622

 7E2622

 7E1A15

 7E322F

 7E0E09

 7E3E3B

 7E0500

 7E4A48

 7E5654

 7E6261

 7E6E6E

 7E7A7A

 7E8687

 7E9293

# Harmonies

## Analogous

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



811D44



7E2622



6D3701

# Triad

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



7E2622



005223



00488B

# Complementary

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



7E2622



227A7E

# 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.



005182



7E2622



005447

# Square

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



7E2622



2E4D00



005469



473A80

# Rectangle

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



7E2622



5C4000



005469



004C8A



# Sweetspot

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



7E2622



A3817F



7E227B



523D3C



D1D1D1



525252



# Same Dimension

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



7E2622



A31A14



7E5322



403A39



800600



000000



# Inverse Universe

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



227A7E



149DA3



224D7E



393F40



007A80



000000



# Previews

## White Background



This preview shows how the Hex color 7E2622 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 7E2622 Background



This preview shows how black text looks on a background with the Hex color 7E2622.

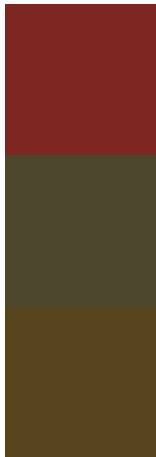


This preview shows how white text looks on a background with the Hex color 7E2622.

# 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**  
7E2622

**Protanopia**  
4C462D

**Deuteranopia**  
57431C



# Trichromacy



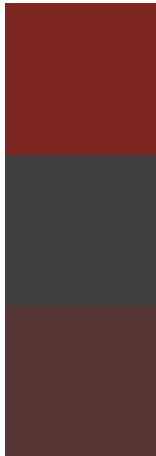
**Original Color**  
7E2622

**Protanomaly**  
5E3A29

**Deuteranomaly**  
65381E

**Tritanomaly**  
7E2525

# Monochromacy



**Original Color**  
7E2622

**Achromatopsia**  
404040

**Achromatomaly**  
573735

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E2622 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 #7E2622 looks like.

```
.text, #text, p{  
    color:#7E2622  
}
```

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 #7E2622 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E2622
}
```

## Border

The CSS property to change the border of an element to Hex 7E2622 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".

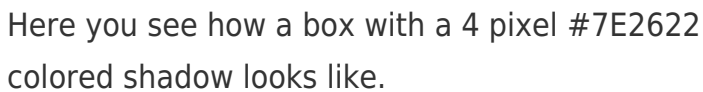
```
.border, #border, table{ border:4px solid
#7E2622 }
```

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

```
.border{ border-color:#7E2622 }
```

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

Here you see how a box with a 4 pixel #7E2622 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E2622; -webkit-box-shadow:4px 4px  
4px 4px #7E2622; box-shadow:4px 4px 4px  
4px #7E2622 }
```

# Background

The CSS property to change the background color of an element to Hex 7E2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E2622 }
```

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

```
.background{ background-color:#7E2622 }
```

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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