

# Converting Colors

Hex(7E251A)

Have a look what the booklet for  
Hex(7E251A) contains.

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# Color

**Hex(7E251A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E251A
RGB	126, 37, 26
RGB Percent	49%, 15%, 10%
CMY	0.5059, 0.8549, 0.8980
CMYK	0.00, 0.71, 0.79, 0.51
HSL	7°, 66%, 30%
HSV	7°, 79%, 49%
XYZ	9.4522, 5.8333, 1.6050
YIQ	62.3570, 56.5750, 15.4470

# Conversions

## Conversions Part 2

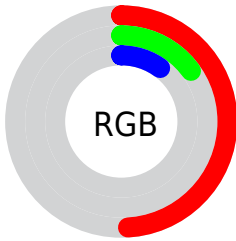
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 38, 26
Decimal	8267034
CIE <sub>Lab</sub>	28.99, 37.74, 28.53
CIE <sub>LCh</sub>	29, 47.306, 37.087
Yxy	5.8333, 0.5596, 0.3454
Android (android.graphics.Color)	4286457114 (0xFF7E251A)
YUV	62.3570, -17.9240, 55.8149
Hunter-Lab	24.1523, 27.5909, 12.9665

# Details

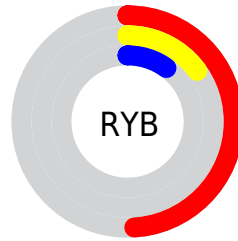
The Hex color **7E251A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1A737E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **B85846**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **7E1A0D**, and if you desaturate by 10%, it is **7E3027**.

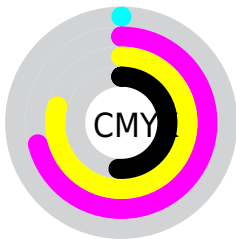
# Distribution



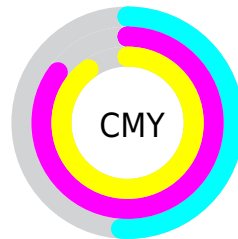
- Red (49%)
- Green (15%)
- Blue (10%)



- Red (49%)
- Yellow (15%)
- Blue (10%)



- Cyan (0%)
- Magenta (71%)
- Yellow (79%)
- Black (51%)



- Cyan (51%)
- Magenta (85%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E251A 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 7E251A by changing the saturation by 10% instead.



 7E251A

 7E251A

FFFFFF

 620701

 B85846

 460000

 D6715E

 2D0001

 F58C77

 000000

 FFA791

 FFC2AB

 FFDFC7

 FFFCE3

 7E251A

 7E251A

■ 7E1A0D

■ 7E3027

■ 7E0F01

■ 7E3B33

■ 7E0E00

■ 7E4740

■ 7E524C

■ 7E5D59

■ 7E6866

■ 7E7372

■ 7E7F7F

■ 7E8A8B

# Harmonies

## Analogous

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



84173D



7E251A



6A3800

# Triad

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



7E251A



005326



00468E

# Complementary

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



7E251A



1A737E

# 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.



005088



7E251A



00544C

# Square

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



7E251A



244E00



005470



4F367F

# Rectangle

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



7E251A



574200



005470



004A8E



# Sweetspot

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



7E251A



A3807C



7E1A74



523D3A



D1D1D1



525252



# Same Dimension

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



7E251A



A31908



7E561A



403A39



800E00



000000



# Inverse Universe

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



1A737E



0892A3



1A427E



393F40



007180



000000



# Previews

## White Background



This preview shows how the Hex color 7E251A 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 7E251A Background



This preview shows how black text looks on a background with the Hex color 7E251A.

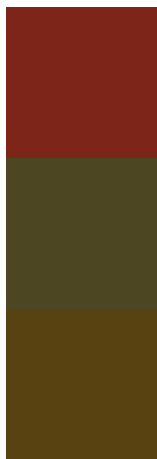


This preview shows how white text looks on a background with the Hex color 7E251A.

# 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**  
7E251A

**Protanopia**  
4D4623

**Deuteranopia**  
584212



**Tritanopia**  
7E2425

# Trichromacy



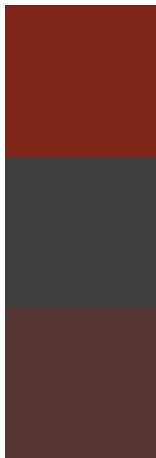
**Original Color**  
7E251A

**Protanomaly**  
5F3A20

**Deuteranomaly**  
663715

**Tritanomaly**  
7E2421

# Monochromacy



**Original Color**  
7E251A

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
553531

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E251A 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 #7E251A looks like.

```
.text, #text, p{  
    color:#7E251A  
}
```

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 #7E251A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E251A
}
```

## Border

The CSS property to change the border of an element to Hex 7E251A 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".

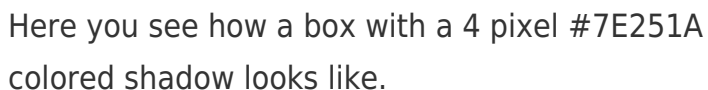
```
.border, #border, table{ border:4px solid
#7E251A }
```

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

```
.border{ border-color:#7E251A }
```

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

Here you see how a box with a 4 pixel #7E251A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #7E251A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E251A; -webkit-box-shadow:4px 4px  
4px 4px #7E251A; box-shadow:4px 4px 4px  
4px #7E251A }
```

# Background

The CSS property to change the background color of an element to Hex 7E251A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E251A }
```

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

```
.background{ background-color:#7E251A }
```

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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