

# Converting Colors

Hex(7E2100)

Have a look what the booklet for  
Hex(7E2100) contains.

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**Color**

**Hex(7E2100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E2100
RGB	126, 33, 0
RGB Percent	49%, 13%, 0%
CMY	0.5059, 0.8706, 1.0000
CMYK	0.00, 0.74, 1.00, 0.51
HSL	16°, 100%, 25%
HSV	16°, 100%, 49%
XYZ	9.1480, 5.5233, 0.5840
YIQ	57.0450, 66.0210, 9.4530

# Conversions

## Conversions Part 2

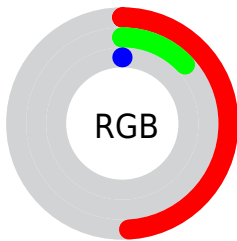
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 45, 0
Decimal	8265984
CIE <sub>Lab</sub>	28.18, 38.72, 40.23
CIE <sub>LCh</sub>	28, 55.837, 46.092
Yxy	5.5233, 0.5997, 0.3621
Android (android.graphics.Color)	4286456064 (0xFF7E2100)
YUV	57.0450, -28.1232, 60.4735
Hunter-Lab	23.5018, 28.3528, 14.9780

# Details

The Hex color **7E2100** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005D7E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **BA542F**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7E2100**, and if you desaturate by 10%, it is **7E2A0D**.

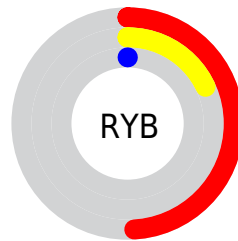
# Distribution



Red (49%)

Green (13%)

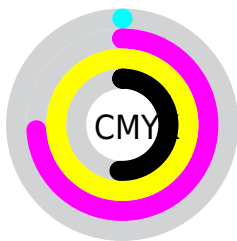
Blue (0%)



Red (49%)

Yellow (18%)

Blue (0%)

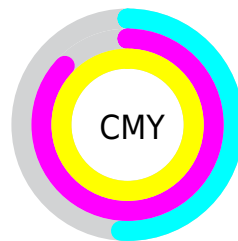


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (87%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E2100 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 7E2100 by changing the saturation by 10% instead.



 7E2100

 7E2100

 FFFFE6

 610200

 BA542F

 440000

 D86E47

 2B0001

 F7885F

 000000

 FFA379

 FFBF93

 FFDBAE

 FFF8C9

 7E2100

 7E2A0D

 7E3419

 7E3D26

 7E4632

 7E503F

 7E594C

 7E6258

 7E6B65

 7E7571

# Harmonies

## Analogous

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



8B002E



7E2100



633900

# Triad

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



7E2100



00532C



004096

# Complementary

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



7E2100



005D7E

# 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.



004E97



7E2100



005459

# Square

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



7E2100



004F00



005380



5F297F

# Rectangle

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



7E2100



4B4400



005380



004699



# Sweetspot

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



7E2100



A37F72



7E005F



523C34



D1D1D1



525252



# Same Dimension

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



7E2100



A32B00



7E5F00



403B39



802100



000000



# Inverse Universe

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



005D7E



0078A3



00207E



393E40



005E80

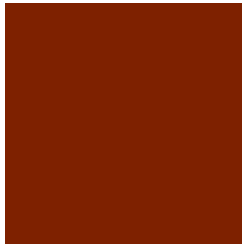


000000



# Previews

## White Background



This preview shows how the Hex color 7E2100 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 7E2100 Background



This preview shows how black text looks on a background with the Hex color 7E2100.



This preview shows how white text looks on a background with the Hex color 7E2100.

# 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**  
7E2100

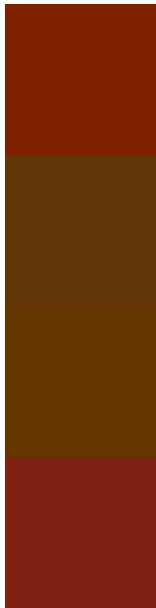
**Protanopia**  
4D440E

**Deuteranopia**  
564100



**Tritanopia**  
7E1F20

# Trichromacy



**Original Color**  
7E2100

**Protanomaly**  
5F3709

**Deuteranomaly**  
653500

**Tritanomaly**  
7E2014

# Monochromacy



**Original Color**  
7E2100

**Achromatopsia**  
393939

**Achromatomaly**  
523024

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E2100 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 #7E2100 looks like.

```
.text, #text, p{  
    color:#7E2100  
}
```

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 #7E2100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E2100
}
```

## Border

The CSS property to change the border of an element to Hex 7E2100 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
#7E2100 }
```

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

```
.border{ border-color:#7E2100 }
```

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

Here you see how a box with a 4 pixel #7E2100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E2100; -webkit-box-shadow:4px 4px  
4px 4px #7E2100; box-shadow:4px 4px 4px  
4px #7E2100 }
```

# Background

The CSS property to change the background color of an element to Hex 7E2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E2100 }
```

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

```
.background{ background-color:#7E2100 }
```

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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