

# Converting Colors

Hex(7D3727)

Have a look what the booklet for  
Hex(7D3727) contains.

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**Color**

**Hex(7D3727)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D3727
RGB	125, 55, 39
RGB Percent	49%, 22%, 15%
CMY	0.5098, 0.7843, 0.8471
CMYK	0.00, 0.56, 0.69, 0.51
HSL	11°, 52%, 32%
HSV	11°, 69%, 49%
XYZ	10.1898, 7.2388, 2.7796
YIQ	74.1060, 46.8560, 9.8640

# Conversions

## Conversions Part 2

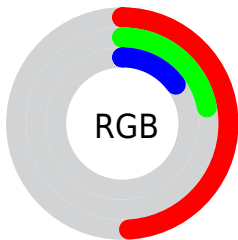
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 59, 39
Decimal	8206119
CIE <sub>Lab</sub>	32.34, 29.15, 24.46
CIE <sub>LCh</sub>	32, 38.051, 40.008
Yxy	7.2388, 0.5042, 0.3582
Android (android.graphics.Color)	4286396199 (0xFF7D3727)
YUV	74.1060, -17.3073, 44.6340
Hunter-Lab	26.9051, 20.5200, 12.7082

# Details

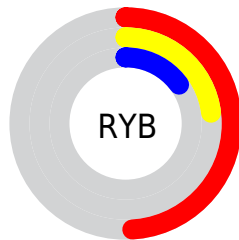
The Hex color **7D3727** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **276D7D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B66855**, and **470600** is the 20% darker color. If you saturate the color by 10%, you get **7D2D1B**, and if you desaturate by 10%, it is **7D4134**.

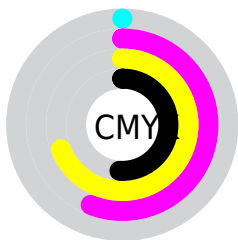
# Distribution



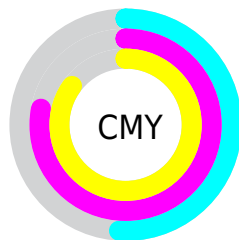
- Red (49%)
- Green (22%)
- Blue (15%)



- Red (49%)
- Yellow (23%)
- Blue (15%)



- Cyan (0%)
- Magenta (56%)
- Yellow (69%)
- Black (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D3727 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 7D3727 by changing the saturation by 10% instead.





7D3727



7D3727

FFFFFF



611F12



B66855



470600



D3826D



2E0000



F19C86



000000



FFB7A1



FFD3BC



FFF0D7



FFFFF4



7D3727



7D3727

■ 7D2D1B

■ 7D4134

■ 7D230E

■ 7D4B40

■ 7D1802

■ 7D564D

■ 7D1700

■ 7D6059

■ 7D6A66

■ 7D7472

■ 7D7E7E

■ 7D888B

■ 7D9398

# Harmonies

## Analogous

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



822F43



7D3727



6C4310

# Triad

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



7D3727



005936



1F4C87

# Complementary

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



7D3727



276D7D

# 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.



005584



7D3727



005A56

# Square

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



7D3727



31551B



005972



5A407A

# Rectangle

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



7D3727



5B4B08



005972



005088



# Sweetspot

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



7D3727



A38781



7D276D



52413D



D1D1D1



525252



# Same Dimension

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



7D3727



A3351C



7D6227



403B39



801800



000000



# Inverse Universe

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



276D7D



1C8AA3



27427D



393F40



006880



000000



# Previews

## White Background



This preview shows how the Hex color 7D3727 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 7D3727 Background



This preview shows how black text looks on a background with the Hex color 7D3727.

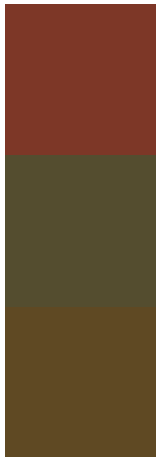


This preview shows how white text looks on a background with the Hex color 7D3727.

# 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**  
7D3727

**Protanopia**  
544D2F

**Deuteranopia**  
5F4923



**Tritanopia**  
7E3538

# Trichromacy



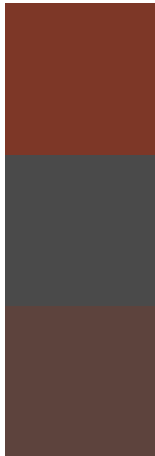
**Original Color**  
7D3727

**Protanomaly**  
63452C

**Deuteranomaly**  
6A4224

**Tritanomaly**  
7E3632

# Monochromacy



**Original Color**  
7D3727

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
5D433D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D3727 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 #7D3727 looks like.

```
.text, #text, p{  
  color:#7D3727  
}
```

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 #7D3727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3727
}
```

## Border

The CSS property to change the border of an element to Hex 7D3727 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".

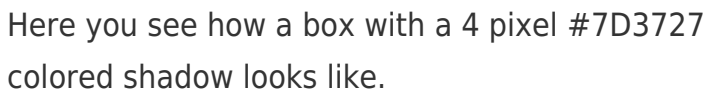
```
.border, #border, table{ border:4px solid
#7D3727 }
```

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

```
.border{ border-color:#7D3727 }
```

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

Here you see how a box with a 4 pixel #7D3727 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 on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3727; -webkit-box-shadow:4px 4px  
4px 4px #7D3727; box-shadow:4px 4px 4px  
4px #7D3727 }
```

# Background

The CSS property to change the background color of an element to Hex 7D3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3727 }
```

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

```
.background{ background-color:#7D3727 }
```

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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