

# Converting Colors

Hex(7C4237)

Have a look what the booklet for  
Hex(7C4237) contains.

<b>Hex(7C4237)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7C4237)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C4237
RGB	124, 66, 55
RGB Percent	49%, 26%, 22%
CMY	0.5137, 0.7412, 0.7843
CMYK	0.00, 0.47, 0.56, 0.51
HSL	10°, 39%, 35%
HSV	10°, 56%, 49%
XYZ	10.9500, 8.4574, 4.6697
YIQ	82.0880, 38.0990, 8.8750

# Conversions

## Conversions Part 2

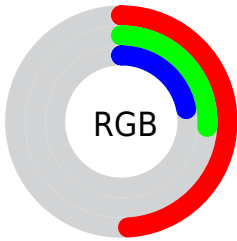
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 68, 55
Decimal	8143415
CIELab	34.92, 23.82, 17.78
CIELCh	35, 29.725, 36.744
Yxy	8.4574, 0.4548, 0.3513
Android (android.graphics.Color)	4286333495 (0xFF7C4237)
YUV	82.0880, -13.3544, 36.7568
Hunter-Lab	29.0815, 16.3174, 10.8366

# Details

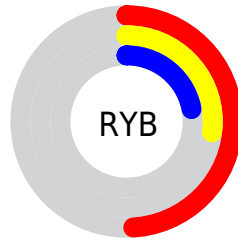
The Hex color **7C4237** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37717C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B37366**, and **47140C** is the 20% darker color. If you saturate the color by 10%, you get **7C382B**, and if you desaturate by 10%, it is **7C4C43**.

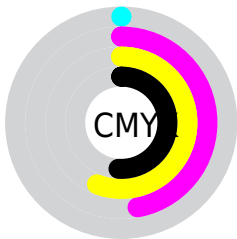
# Distribution



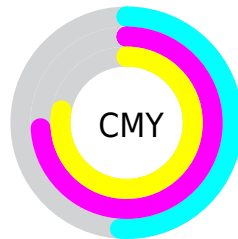
- Red (49%)
- Green (26%)
- Blue (22%)



- Red (49%)
- Yellow (27%)
- Blue (22%)



- Cyan (0%)
- Magenta (47%)
- Yellow (56%)
- Black (51%)



- Cyan (51%)
- Magenta (74%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C4237 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 7C4237 by changing the saturation by 10% instead.



 7C4237

 7C4237

FFFFFF

 612B21

 B37366

 47140C

 D08D7F

 2F0000

 EDA899

 050000

 FFC3B4

 000000

 FFDFCF

 FFFCEC

 7C4237

 7C4237

 7C382B

 7C4C43

 7C2D1E

 7C5750

 7C2312

 7C615C

 7C1805

 7C6C69

 7C1400

 7C7675

 7C8181

 7C8B8E

 7C959A

 7CA0A7

# Harmonies

## Analogous

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



7E3E4E



7C4237



6F4A26

# Triad

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



7C4237



215D3F



335381

# Complementary

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



7C4237



37717C

# 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.



005A7D



7C4237



005E57

# Square

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



7C4237



42592B



005D6E



5B4A78

# Rectangle

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



7C4237



625021



005D6E



205581



# Sweetspot

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



7C4237



A18A85



7C3772



524441



D1D1D1



525252



# Same Dimension

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



7C4237



A14635



7C6437



3D3837



7D1400



FC2800



# Inverse Universe

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



37717C



358FA1



374F7C



373C3D



00697D



00D4FC



# Previews

## White Background



This preview shows how the Hex color 7C4237 looks on a white background.

## Color Contrast Check

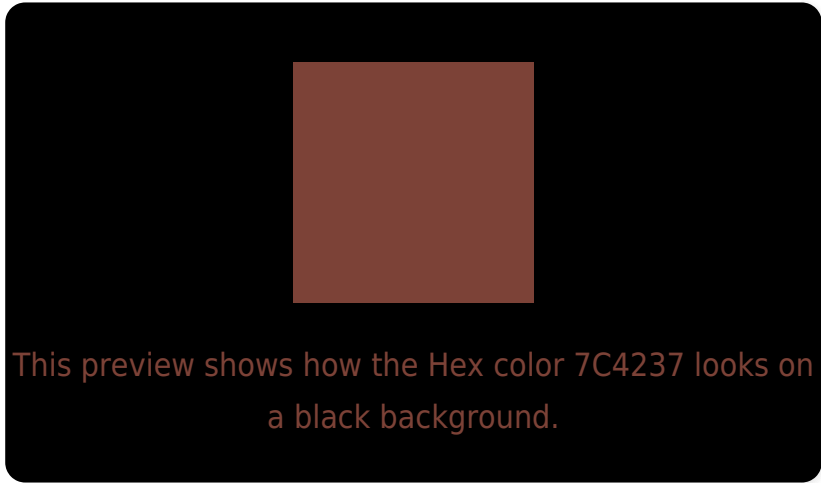
Large Text (above 18pt) WCAG AA ✓ Pass

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

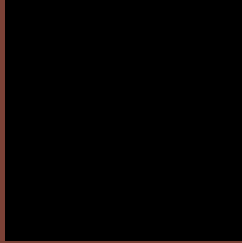
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C4237 Background



This preview shows how black text looks on a background with the Hex color 7C4237.

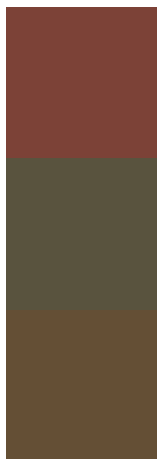


This preview shows how white text looks on a background with the Hex color 7C4237.

# 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**  
7C4237

**Protanopia**  
59533E

**Deuteranopia**  
644F35



**Tritanopia**  
7D4045

# Trichromacy



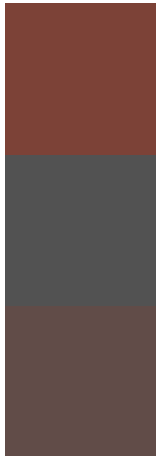
**Original Color**  
7C4237

**Protanomaly**  
664D3B

**Deuteranomaly**  
6D4A36

**Tritanomaly**  
7D4140

# Monochromacy



**Original Color**  
7C4237

**Achromatopsia**  
525252

**Achromatomaly**  
614C48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C4237 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 #7C4237 looks like.

```
.text, #text, p{  
    color:#7C4237  
}
```

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 #7C4237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C4237
}
```

## Border

The CSS property to change the border of an element to Hex 7C4237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

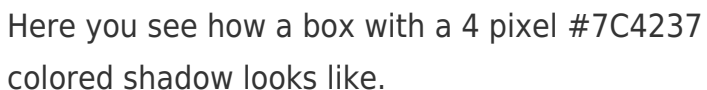
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C4237 }
```

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

```
.border{ border-color:#7C4237 }
```

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



Here you see how a box with a 4 pixel `#7C4237` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C4237; -webkit-box-shadow:4px 4px  
4px 4px #7C4237; box-shadow:4px 4px 4px  
4px #7C4237 }
```

# Background

The CSS property to change the background color of an element to Hex 7C4237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C4237 }
```

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

```
.background{ background-color:#7C4237 }
```

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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