

# Converting Colors

Hex(7D4440)

Have a look what the booklet for  
Hex(7D4440) contains.

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**Color**

**Hex(7D4440)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D4440
RGB	125, 68, 64
RGB Percent	49%, 27%, 25%
CMY	0.5098, 0.7333, 0.7490
CMYK	0.00, 0.46, 0.49, 0.51
HSL	4°, 32%, 37%
HSV	4°, 49%, 49%
XYZ	11.4500, 8.8644, 5.9580
YIQ	84.5870, 35.2560, 10.8400

# Conversions

## Conversions Part 2

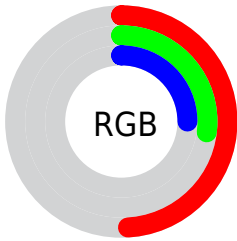
Format	Color
<a href="#">RYB</a>	<a href="#">125, 68, 64</a>
Decimal	<a href="#">8209472</a>
CIELab	<a href="#">35.72, 24.00, 13.25</a>
CIELCh	<a href="#">36, 27.414, 28.894</a>
Yxy	<a href="#">8.8644, 0.4358, 0.3374</a>
Android (android.graphics.Color)	<a href="#">4286399552</a> (0xFF7D4440)
YUV	<a href="#">84.5870, -10.1494, 35.4422</a>
Hunter-Lab	<a href="#">29.7731, 16.5436, 8.9764</a>

# Details

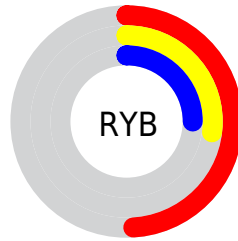
The Hex color **7D4440** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **40797D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B47570**, and **491616** is the 20% darker color. If you saturate the color by 10%, you get **7D3834**, and if you desaturate by 10%, it is **7D504D**.

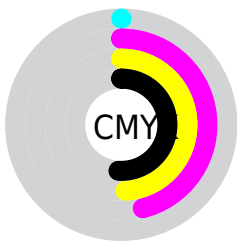
# Distribution



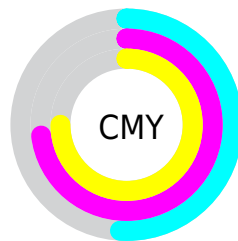
- Red (49%)
- Green (27%)
- Blue (25%)



- Red (49%)
- Yellow (27%)
- Blue (25%)



- Cyan (0%)
- Magenta (46%)
- Yellow (49%)
- Black (51%)



- Cyan (51%)
- Magenta (73%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D4440 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 7D4440 by changing the saturation by 10% instead.



 7D4440

 7D4440

FFFFFF

 622D2A

 B47570

 491616

 D08F89

 310000

 EDAAA3

 0E0000

 FFC5BE

 000000

 FFE1DA

 FFFEF7

 7D4440

 7D4440

 7D3834

 7D504D

7D2D27

7D5B59

7D211B

7D6766

7D150E

7D7372

7D0A02

7D7E7E

7D0800

7D8A8B

7D9698

7DA1A4

7DADB1

# Harmonies

## Analogous

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



7C4256



7D4440



734B2F

# Triad

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



7D4440



315D3D



2E5680

# Complementary

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



7D4440



40797D

# 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.



005C79



7D4440



025F52

# Square

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



7D4440



4C592C



005F68



554F7A

# Rectangle

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



7D4440



695029



005F68



1C597F



# Sweetspot

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



7D4440



A38C8B



7D407A



524443



D1D1D1



525252



# Same Dimension

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



7D4440



A34943



7D6240



403A39



800800



000000



# Inverse Universe

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



40797D



439DA3



405B7D



393F40



007780



000000



# Previews

## White Background



This preview shows how the Hex color 7D4440 looks on a white background.

## Color Contrast Check

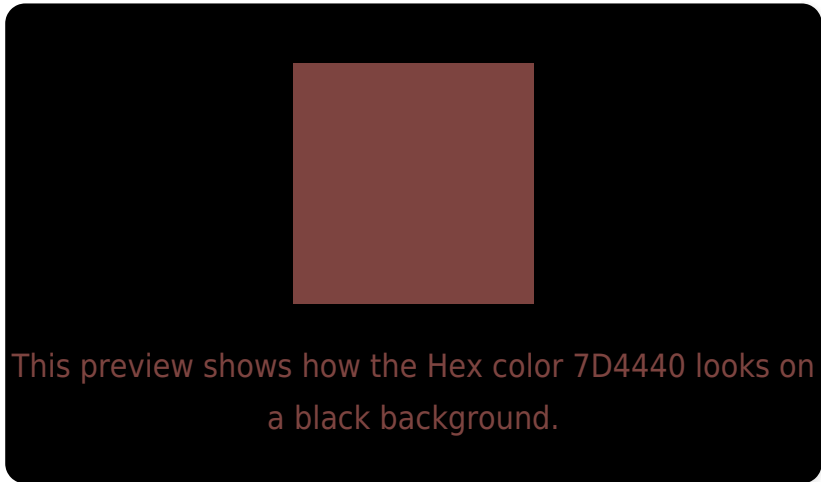
Large Text (above 18pt) WCAG AA ✓ Pass

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

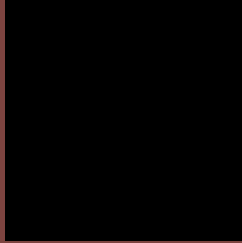
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D4440 Background



This preview shows how black text looks on a background with the Hex color 7D4440.

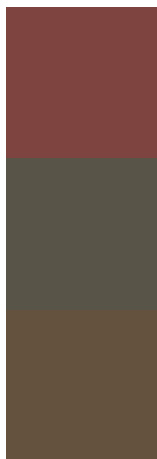


This preview shows how white text looks on a background with the Hex color 7D4440.

# 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**  
7D4440

**Protanopia**  
595448

**Deuteranopia**  
64513E



**Tritanopia**  
7E4348

# Trichromacy



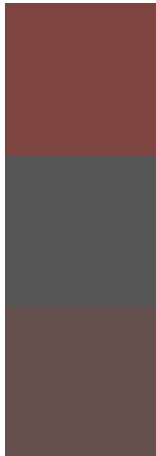
**Original Color**  
7D4440

**Protanomaly**  
664E45

**Deuteranomaly**  
6D4C3F

**Tritanomaly**  
7E4345

# Monochromacy



**Original Color**  
7D4440

**Achromatopsia**  
555555

**Achromatomaly**  
644F4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D4440 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 #7D4440 looks like.

```
.text, #text, p{  
    color:#7D4440  
}
```

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 #7D4440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D4440
}
```

## Border

The CSS property to change the border of an element to Hex 7D4440 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
#7D4440 }
```

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

```
.border{ border-color:#7D4440 }
```

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

Here you see how a box with a 4 pixel #7D4440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D4440; -webkit-box-shadow:4px 4px  
4px 4px #7D4440; box-shadow:4px 4px 4px  
4px #7D4440 }
```

# Background

The CSS property to change the background color of an element to Hex 7D4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D4440 }
```

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

```
.background{ background-color:#7D4440 }
```

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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