

Converting Colors

Hex(7D4432)

Have a look what the booklet for
Hex(7D4432) contains.

| | |
|--|----|
| Hex(7D4432) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(7D4432)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 7D4432 |
| RGB | 125, 68, 50 |
| RGB Percent | 49%, 27%, 20% |
| CMY | 0.5098, 0.7333, 0.8039 |
| CMYK | 0.00, 0.46, 0.60, 0.51 |
| HSL | 14°, 43%, 34% |
| HSV | 14°, 60%, 49% |
| XYZ | 11.1003, 8.7245, 4.1166 |
| YIQ | 82.9910, 39.7500, 6.4860 |

Conversions

Conversions Part 2

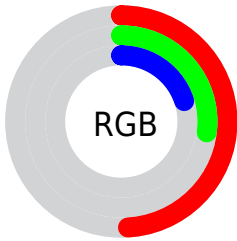
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 125, 74, 50 |
| Decimal | 8209458 |
| CIE Lab | 35.45, 22.64, 21.58 |
| CIE LCh | 35, 31.276, 43.625 |
| Yxy | 8.7245, 0.4636, 0.3644 |
| Android (android.graphics.Color) | 4286399538 (0xFF7D4432) |
| YUV | 82.9910, -16.2646, 36.8419 |
| Hunter-Lab | 29.5373, 15.3912, 12.4129 |

Details

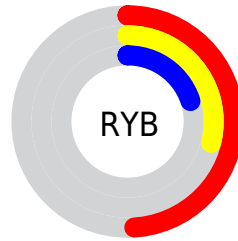
The Hex color **7D4432** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **326B7D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B57561**, and **481704** is the 20% darker color. If you saturate the color by 10%, you get **7D3B26**, and if you desaturate by 10%, it is **7D4E3F**.

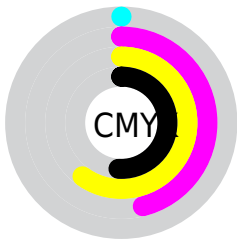
Distribution



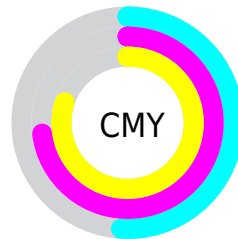
- Red (49%)
- Green (27%)
- Blue (20%)



- Red (49%)
- Yellow (29%)
- Blue (20%)



- Cyan (0%)
- Magenta (46%)
- Yellow (60%)
- Black (51%)



- Cyan (51%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D4432 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 7D4432 by changing the saturation by 10% instead.

 7D4432

 7D4432

FFFFFF

 622D1D

 B57561

 481704

 D18F7A

 2F0000

 EFAA93

 080000

 FFC5AE

 000000

 FFE1C9

 FFFEE6

 7D4432

 7D4432

 7D3B26

 7D4E3F

■ 7D3119

■ 7D574B

■ 7D270C

■ 7D6157

■ 7D1E00

■ 7D6A64

■ 7D7371

■ 7D7D7D

■ 7D878A

■ 7D9096

■ 7D9AA3

Harmonies

Analogous

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



823E49



7D4432



6D4D23

Triad

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



7D4432



105F44



3E5284

Complementary

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



7D4432



326B7D

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.



005A83



7D4432



00605E

Square

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



7D4432



3B5C2E



005E75



644878

Rectangle

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



7D4432



5F531F



005E75



2C5585

Sweetspot

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



7D4432



A38D86



7D326C



524440



D1D1D1



525252

Same Dimension

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



7D4432



A34A2E



7D6932



403B39



801F00



000000

Inverse Universe

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



326B7D



2E87A3



32467D



393E40



006180



000000

Previews

White Background



This preview shows how the Hex color 7D4432 looks on a white background.

Color Contrast Check

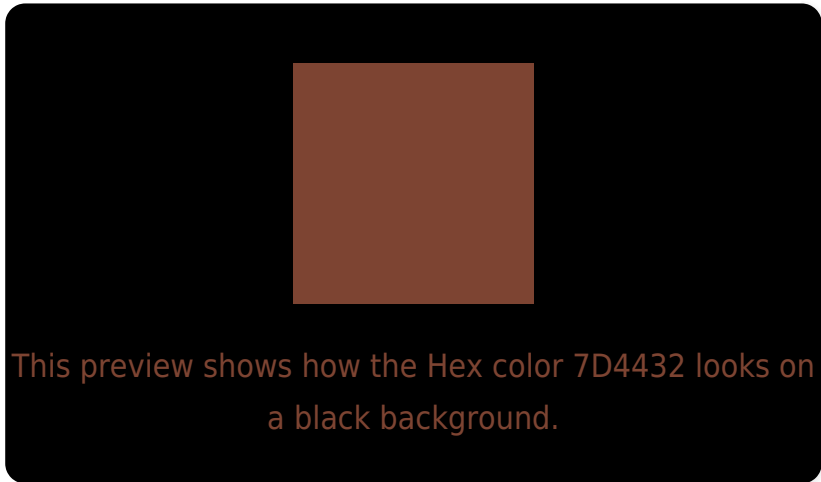
Large Text (above 18pt) WCAG AA ✓ Pass

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

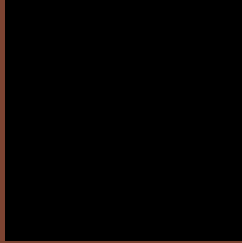
Any Text WCAG AA × Fail

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 7D4432 Background



This preview shows how black text looks on a background with the Hex color 7D4432.

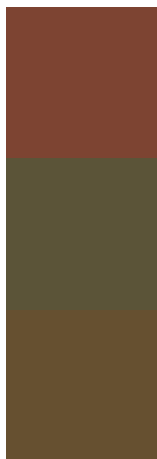


This preview shows how white text looks on a background with the Hex color 7D4432.

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
7D4432

Protanopia
5B5438

Deuteranopia
665030



Tritanopia
7E4146

Trichromacy



Original Color
7D4432

Protanomaly
674E36

Deuteranomaly
6E4C31

Tritanomaly
7E423F

Monochromacy



Original Color
7D4432

Achromatopsia
535353

Achromatomaly
624E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D4432 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 #7D4432 looks like.

```
.text, #text, p{  
    color:#7D4432  
}
```

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 #7D4432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D4432
}
```

Border

The CSS property to change the border of an element to Hex 7D4432 is called "border". The border property can be set on classes, ids or directly on the HTML element.

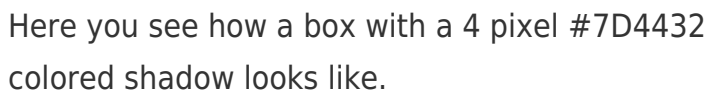
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D4432 }
```

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

```
.border{ border-color:#7D4432 }
```

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



Here you see how a box with a 4 pixel #7D4432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D4432; -webkit-box-shadow:4px 4px  
4px 4px #7D4432; box-shadow:4px 4px 4px  
4px #7D4432 }
```

Background

The CSS property to change the background color of an element to Hex 7D4432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D4432 }
```

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

```
.background{ background-color:#7D4432 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor