

# Converting Colors

Hex(7D643D)

Have a look what the booklet for  
Hex(7D643D) contains.

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**Color**

**Hex(7D643D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D643D
RGB	125, 100, 61
RGB Percent	49%, 39%, 24%
CMY	0.5098, 0.6078, 0.7608
CMYK	0.00, 0.20, 0.51, 0.51
HSL	37°, 34%, 36%
HSV	37°, 51%, 49%
XYZ	13.8569, 13.8112, 6.3504
YIQ	103.0290, 27.4190, -6.8290

# Conversions

## Conversions Part 2

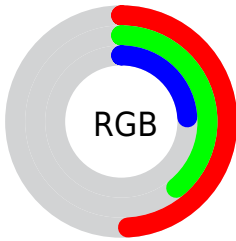
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 125, 61
Decimal	8217661
CIELab	43.96, 4.70, 25.82
CIELCh	44, 26.245, 79.677
Yxy	13.8112, 0.4073, 0.4060
Android (android.graphics.Color)	4286407741 (0xFF7D643D)
YUV	103.0290, -20.7203, 19.2686
Hunter-Lab	37.1635, 1.5201, 15.8831

# Details

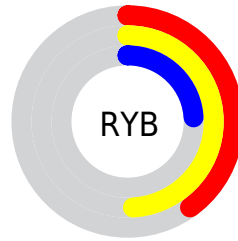
The Hex color **7D643D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D567D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B3976D**, and **4A3611** is the 20% darker color. If you saturate the color by 10%, you get **7D5F31**, and if you desaturate by 10%, it is **7D694A**.

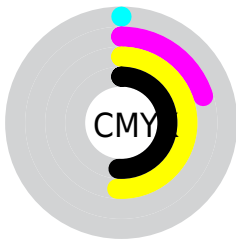
# Distribution



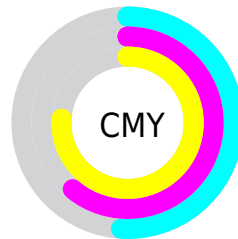
- Red (49%)
- Green (39%)
- Blue (24%)



- Red (40%)
- Yellow (49%)
- Blue (24%)



- Cyan (0%)
- Magenta (20%)
- Yellow (51%)
- Black (51%)



- Cyan (51%)
- Magenta (61%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D643D 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 7D643D by changing the saturation by 10% instead.



 7D643D

 7D643D

FFFFFF

 634C26

 B3976D

 4A3611

 CFB187

 332000

 ECCDA1

 1A0A00

 FFE9BC

 000000

 FFFFD8

 FFFFF5

 7D643D

 7D643D

 7D5F31

 7D694A

 7D5A24

 7D6E56

 7D5517

 7D7363

 7D500B

 7D786F

 7D4C00

 7D7C7C

 7D8188

 7D8694

 7D8BA1

 7D90AD

# Harmonies

## Analogous

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



8C5D48



7D643D



686B3E

# Triad

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



7D643D



137376



7C5D84

# Complementary

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



7D643D



3D567D

# 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.



5F6591



7D643D



147188

# Square

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



7D643D



33735F



3B6C92



8D5870

# Rectangle

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



7D643D



586F46



3B6C92



74608A



# Sweetspot

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



7D643D



A39A8B



7D3D57



524C43



D1D1D1



525252



# Same Dimension

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



7D643D



A37C40



777D3D



403D39



804E00



000000



# Inverse Universe

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



3D567D



4067A3



433D7D



393C40



003280



000000



# Previews

## White Background



This preview shows how the Hex color 7D643D 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

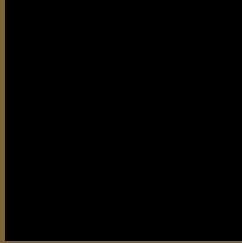
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D643D Background



This preview shows how black text looks on a background with the Hex color 7D643D.



This preview shows how white text looks on a background with the Hex color 7D643D.

# 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**  
7D643D

**Protanopia**  
72683F

**Deuteranopia**  
7F633D



**Tritanopia**  
815F66

# Trichromacy



**Original Color**  
7D643D

**Protanomaly**  
76673E

**Deuteranomaly**  
7E633D

**Tritanomaly**  
806157

# Monochromacy



**Original Color**  
7D643D

**Achromatopsia**  
676767

**Achromatomaly**  
6F6658

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D643D 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 #7D643D looks like.

```
.text, #text, p{  
    color:#7D643D  
}
```

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 #7D643D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D643D
}
```

## Border

The CSS property to change the border of an element to Hex 7D643D 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
#7D643D }
```

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

```
.border{ border-color:#7D643D }
```

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

Here you see how a box with a 4 pixel #7D643D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D643D; -webkit-box-shadow:4px 4px  
4px 4px #7D643D; box-shadow:4px 4px 4px  
4px #7D643D }
```

# Background

The CSS property to change the background color of an element to Hex 7D643D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D643D }
```

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

```
.background{ background-color:#7D643D }
```

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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