

# Converting Colors

Hex(7D653C)

Have a look what the booklet for  
Hex(7D653C) contains.

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**Color**

**Hex(7D653C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D653C
RGB	125, 101, 60
RGB Percent	49%, 40%, 24%
CMY	0.5098, 0.6039, 0.7647
CMYK	0.00, 0.19, 0.52, 0.51
HSL	38°, 35%, 36%
HSV	38°, 52%, 49%
XYZ	13.9267, 13.9936, 6.2420
YIQ	103.5020, 27.4650, -7.6630

# Conversions

## Conversions Part 2

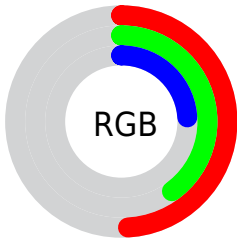
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 125, 60
Decimal	8217916
CIELab	44.22, 4.01, 26.72
CIElCh	44, 27.016, 81.460
Yxy	13.9936, 0.4077, 0.4096
Android (android.graphics.Color)	4286407996 (0xFF7D653C)
YUV	103.5020, -21.4465, 18.8537
Hunter-Lab	37.4080, 0.9903, 16.2923

# Details

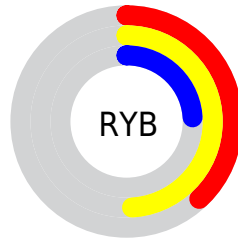
The Hex color **7D653C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C547D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B3986C**, and **4A3610** is the 20% darker color. If you saturate the color by 10%, you get **7D6030**, and if you desaturate by 10%, it is **7D6A49**.

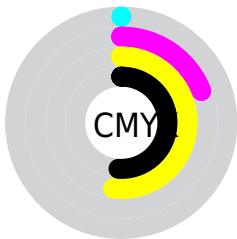
# Distribution



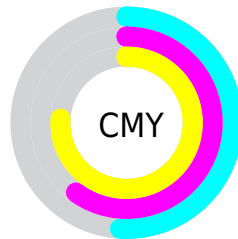
- Red (49%)
- Green (40%)
- Blue (24%)



- Red (38%)
- Yellow (49%)
- Blue (24%)



- Cyan (0%)
- Magenta (19%)
- Yellow (52%)
- Black (51%)



- Cyan (51%)
- Magenta (60%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D653C 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 7D653C by changing the saturation by 10% instead.



 7D653C

 7D653C

FFFFFF

 634D25

 B3986C

 4A3610

 CFB286

 322100

 ECCEA0

 1A0C00

 FFEABB

 000000

 FFFFD7

 FFFFF4

 7D653C

 7D653C

 7D6030

 7D6A49

 7D5C23

 7D6E55

 7D5717

 7D7362

 7D530A

 7D776E

 7D4F00

 7D7C7A

 7D8187

 7D8593

 7D8AA0

 7D8FAC

# Harmonies

## Analogous

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



8D5D46



7D653C



676C3E

# Triad

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



7D653C



097478



7F5D85

# Complementary

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



7D653C



3C547D

# 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.



626592



7D653C



0F728B

# Square

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



7D653C



2F7461



3C6D95



905870

# Rectangle

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



7D653C



567046



3C6D95



76608A



# Sweetspot

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



7D653C



A39A89



7D3C55



524C42



D1D1D1



525252



# Same Dimension

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



7D653C



A37E3E



757D3C



403D39



805000



000000



# Inverse Universe

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



3C547D



3E63A3



443C7D



393C40



002F80

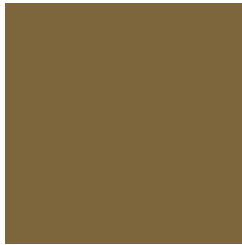


000000



# Previews

## White Background



This preview shows how the Hex color 7D653C looks on a white background.

## Color Contrast Check

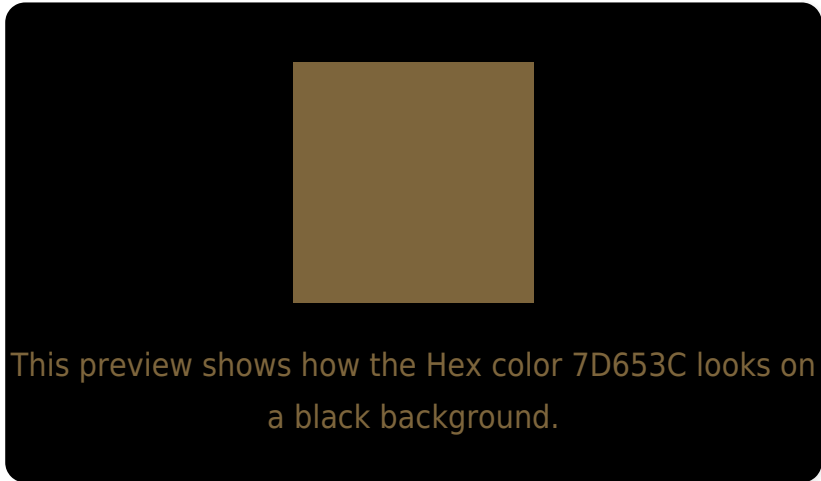
Large Text (above 18pt) WCAG AA ✓ Pass

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

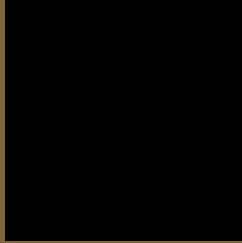
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D653C Background



This preview shows how black text looks on a background with the Hex color 7D653C.



This preview shows how white text looks on a background with the Hex color 7D653C.

# 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**  
7D653C

**Protanopia**  
73693D

**Deuteranopia**  
80643C



**Tritanopia**  
816067

# Trichromacy



**Original Color**  
7D653C

**Protanomaly**  
77683D

**Deuteranomaly**  
7F643C

**Tritanomaly**  
806257

# Monochromacy



**Original Color**  
7D653C

**Achromatopsia**  
686868

**Achromatomaly**  
706758

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D653C 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 #7D653C looks like.

```
.text, #text, p{  
    color:#7D653C  
}
```

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 #7D653C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D653C
}
```

## Border

The CSS property to change the border of an element to Hex 7D653C is called "border". The border property can be set on classes, ids or directly on the HTML element.

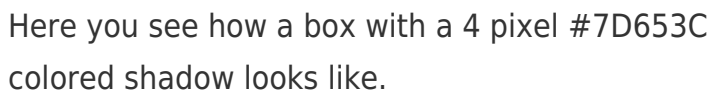
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D653C }
```

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

```
.border{ border-color:#7D653C }
```

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



Here you see how a box with a 4 pixel #7D653C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D653C; -webkit-box-shadow:4px 4px  
4px 4px #7D653C; box-shadow:4px 4px 4px  
4px #7D653C }
```

# Background

The CSS property to change the background color of an element to Hex 7D653C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D653C }
```

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

```
.background{ background-color:#7D653C }
```

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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