

# Converting Colors

Hex(7D645C)

Have a look what the booklet for  
Hex(7D645C) contains.

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# Color

Hex(7D645C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D645C
RGB	125, 100, 92
RGB Percent	49%, 39%, 36%
CMY	0.5098, 0.6078, 0.6392
CMYK	0.00, 0.20, 0.26, 0.51
HSL	15°, 15%, 43%
HSV	15°, 26%, 49%
XYZ	14.9464, 14.2470, 12.0874
YIQ	106.5630, 17.4680, 2.8120

# Conversions

## Conversions Part 2

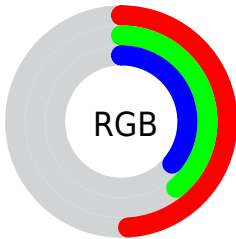
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 103, 92
Decimal	8217692
CIE Lab	44.59, 8.74, 8.34
CIE LCh	45, 12.075, 43.655
Yxy	14.2470, 0.3621, 0.3451
Android (android.graphics.Color)	4286407772 (0xFF7D645C)
YUV	106.5630, -7.1796, 16.1692
Hunter-Lab	37.7452, 4.6284, 7.4348

# Details

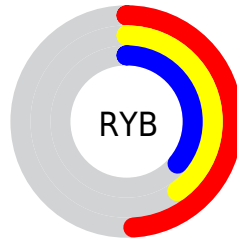
The Hex color **7D645C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C757D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B2978E**, and **4B352E** is the 20% darker color. If you saturate the color by 10%, you get **7D5B50**, and if you desaturate by 10%, it is **7D6D69**.

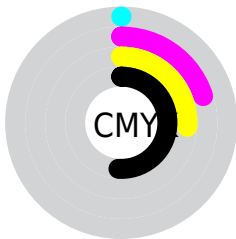
# Distribution



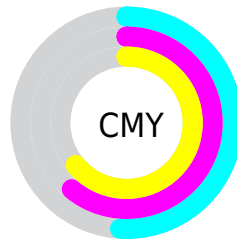
- Red (49%)
- Green (39%)
- Blue (36%)



- Red (49%)
- Yellow (40%)
- Blue (36%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (51%)



- Cyan (51%)
- Magenta (61%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D645C 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 7D645C by changing the saturation by 10% instead.



 7D645C

 7D645C

FFFFFF

 644C44

 B2978E

 4B352E

 CEB2A9

 34201A

 EACDC4

 200900

 FFE9E0

 000000

FFFFFFC

 7D645C

 7D645C

 7D5B50

 7D6D69

 7D5143

 7D7775

 7D4837

 7D8082

 7D3E2A

 7D8A8E

 7D351E

 7D939B

 7D2B11

 7D9DA7

 7D2205

 7DA6B4

 7D1E00

 7DB0C0

 7DB9CD

# Harmonies

## Analogous

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



7F6365



7D645C



766756

# Triad

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



7D645C



566F63



64697D

# Complementary

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



7D645C



5C757D

# 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.



586C7C



7D645C



506F6E

# Square

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



7D645C



616D5B



506E77



716578

# Rectangle

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



7D645C



706955



506E77



606A7D



# Sweetspot

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



7D645C



A39996



7D5C75



524B49



D1D1D1



525252



# Same Dimension

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



7D645C



A37C6F



7D745C



403B39



801F00



000000



# Inverse Universe

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



5C757D



6F97A3



5C657D



393E40



006180



000000



# Previews

## White Background



This preview shows how the Hex color 7D645C looks on a white background.

## Color Contrast Check

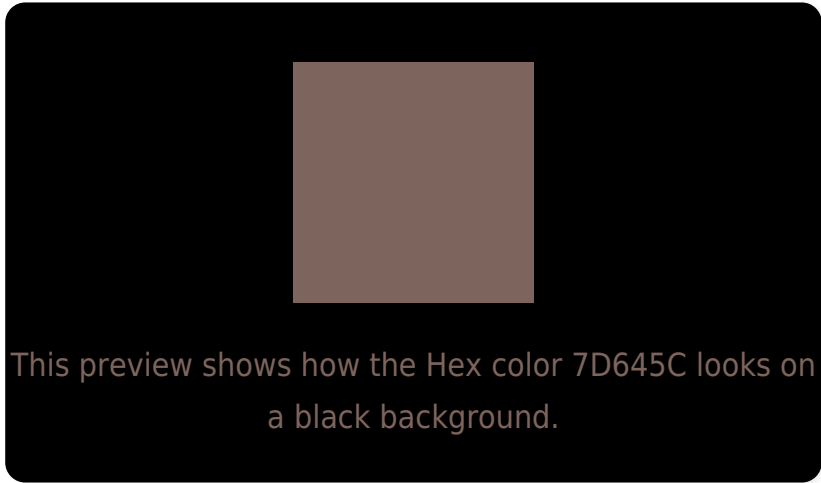
Large Text (above 18pt) WCAG AA ✓ Pass

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

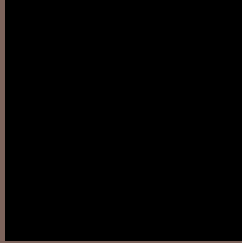
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D645C Background



This preview shows how black text looks on a background with the Hex color 7D645C.



This preview shows how white text looks on a background with the Hex color 7D645C.

# 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**  
7D645C

**Protanopia**  
6E695F

**Deuteranopia**  
79665C



**Tritanopia**  
7F626A

# Trichromacy



**Original Color**  
7D645C

**Protanomaly**  
73675E

**Deuteranomaly**  
7A655C

**Tritanomaly**  
7E6365

# Monochromacy



**Original Color**  
7D645C

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
726866

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D645C 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 #7D645C looks like.

```
.text, #text, p{  
    color:#7D645C  
}
```

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 #7D645C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D645C
}
```

## Border

The CSS property to change the border of an element to Hex 7D645C is called "border". The border property can be set on classes, ids or directly on the HTML element.

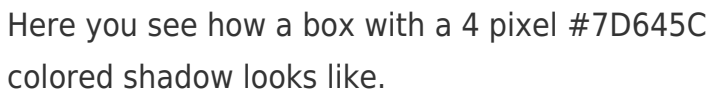
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D645C }
```

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

```
.border{ border-color:#7D645C }
```

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



Here you see how a box with a 4 pixel #7D645C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D645C; -webkit-box-shadow:4px 4px  
4px 4px #7D645C; box-shadow:4px 4px 4px  
4px #7D645C }
```

# Background

The CSS property to change the background color of an element to Hex 7D645C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D645C }
```

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

```
.background{ background-color:#7D645C }
```

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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