

# Converting Colors

Hex(7D765C)

Have a look what the booklet for  
Hex(7D765C) contains.

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**Color**

**Hex(7D765C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D765C
RGB	125, 118, 92
RGB Percent	49%, 46%, 36%
CMY	0.5098, 0.5373, 0.6392
CMYK	0.00, 0.06, 0.26, 0.51
HSL	47°, 15%, 43%
HSV	47°, 26%, 49%
XYZ	16.8676, 18.0895, 12.7278
YIQ	117.1290, 12.5180, -6.6020

# Conversions

## Conversions Part 2

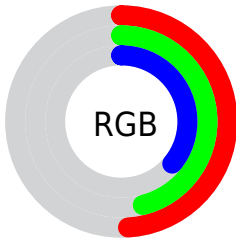
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 125, 92
Decimal	8222300
CIELab	49.60, -1.80, 15.32
CIELCh	50, 15.426, 96.694
Yxy	18.0895, 0.3537, 0.3794
Android (android.graphics.Color)	4286412380 (0xFF7D765C)
YUV	117.1290, -12.3886, 6.9029
Hunter-Lab	42.5318, -3.6395, 12.0295

# Details

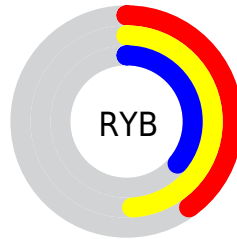
The Hex color **7D765C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5C637D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B2AA8E**, and **4C462E** is the 20% darker color. If you saturate the color by 10%, you get **7D7350**, and if you desaturate by 10%, it is **7D7969**.

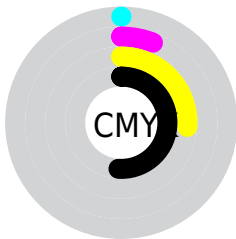
# Distribution



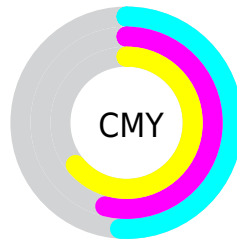
- Red (49%)
- Green (46%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (51%)



- Cyan (51%)
- Magenta (54%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D765C 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 7D765C by changing the saturation by 10% instead.





7D765C



7D765C

FFFFFF



645D44



B2AA8E



4C462E



CEC5A9



343019



EAE1C4



201B00



FFFEE0



000000

FFFFFFD



7D765C



7D765C



7D7350



7D7969



7D7143



7D7B75

 7D6E37

 7D7E82

 7D6B2A

 7D818E

 7D691E

 7D839B

 7D6611

 7D86A7

 7D6305

 7D89B4

 7D6200

 7D8BC0

 7D8ECD

# Harmonies

## Analogous

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



89725E



7D765C



6E7A61

# Triad

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



7D765C



527D85



896E81

# Complementary

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



7D765C



5C637D

# 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.



7C728B



7D765C



5B7A8E

# Square

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



7D765C



557E78



6B7690



916D73

# Rectangle

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



7D765C



647C67



6B7690



866F84



# Sweetspot

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



7D765C



A3A096



7D5C63



525049



D1D1D1



525252



# Same Dimension

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



7D765C



A3986F



747D5C



403E39



806400



000000



# Inverse Universe

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



5C637D



6F7AA3



655C7D



393B40



001B80



000000



# Previews

## White Background



This preview shows how the Hex color 7D765C looks on a white background.

## Color Contrast Check

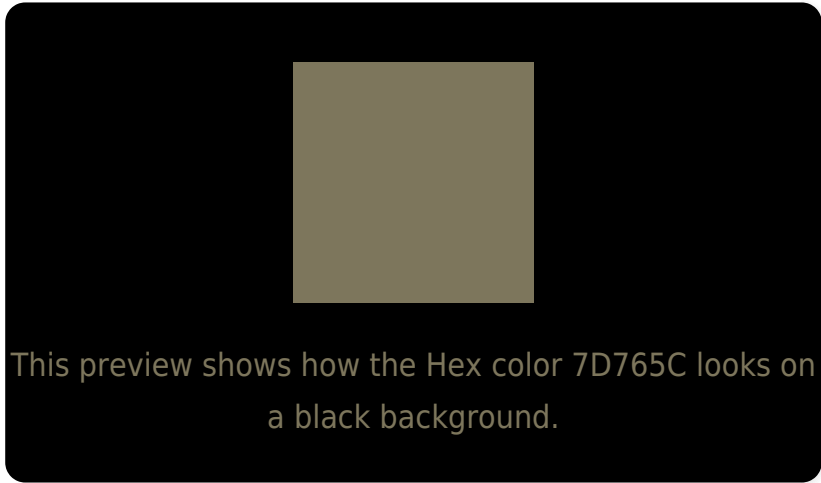
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

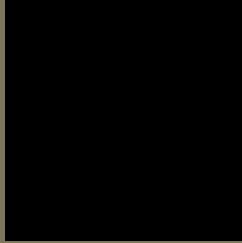
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

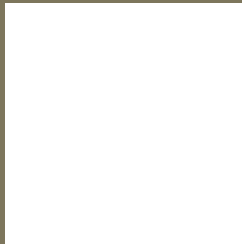
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D765C Background



This preview shows how black text looks on a background with the Hex color 7D765C.



This preview shows how white text looks on a background with the Hex color 7D765C.

# 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**  
7D765C

**Protanopia**  
7E765C

**Deuteranopia**  
8A715D



**Tritanopia**  
81727B

# Trichromacy



**Original Color**  
7D765C

**Protanomaly**  
7E765C

**Deuteranomaly**  
85735D

**Tritanomaly**  
807370

# Monochromacy



**Original Color**  
7D765C

**Achromatopsia**  
757575

**Achromatomaly**  
78756C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D765C 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 #7D765C looks like.

```
.text, #text, p{  
    color:#7D765C  
}
```

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 #7D765C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D765C
}
```

## Border

The CSS property to change the border of an element to Hex 7D765C is called "border". The border property can be set on classes, ids or directly on the HTML element.

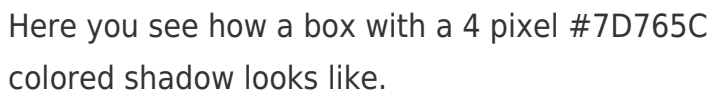
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D765C }
```

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

```
.border{ border-color:#7D765C }
```

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



Here you see how a box with a 4 pixel #7D765C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D765C; -webkit-box-shadow:4px 4px  
4px 4px #7D765C; box-shadow:4px 4px 4px  
4px #7D765C }
```

# Background

The CSS property to change the background color of an element to Hex 7D765C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D765C }
```

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

```
.background{ background-color:#7D765C }
```

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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