

# Converting Colors

Hex(7D6668)

Have a look what the booklet for  
Hex(7D6668) contains.

<b>Hex(7D6668)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7D6668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D6668
RGB	125, 102, 104
RGB Percent	49%, 40%, 41%
CMY	0.5098, 0.6000, 0.5922
CMYK	0.00, 0.18, 0.17, 0.51
HSL	355°, 10%, 45%
HSV	355°, 18%, 49%
XYZ	15.7075, 14.8622, 15.1375
YIQ	109.1050, 13.0660, 5.4980

# Conversions

## Conversions Part 2

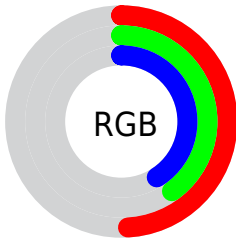
Format	Color
<b>RYB</b>	125, 102, 104
Decimal	8218216
CIELab	45.44, 9.54, 2.33
CIElCh	45, 9.817, 13.736
Yxy	14.8622, 0.3437, 0.3252
Android (android.graphics.Color)	4286408296 (0xFF7D6668)
YUV	109.1050, -2.5168, 13.9399
Hunter-Lab	38.5515, 5.2633, 3.7054

# Details

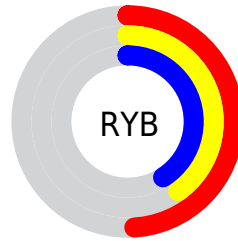
The Hex color **7D6668** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **667D7B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B2999B**, and **4C3739** is the 20% darker color. If you saturate the color by 10%, you get **7D5A5D**, and if you desaturate by 10%, it is **7D7373**.

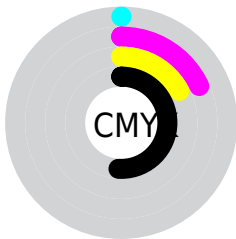
# Distribution



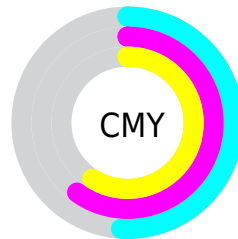
- Red (49%)
- Green (40%)
- Blue (41%)



- Red (49%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (51%)



- Cyan (51%)
- Magenta (60%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D6668 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 7D6668 by changing the saturation by 10% instead.





7D6668



7D6668

FFFFFF



644E50



B2999B



4C3739



CDB4B6



352224



EACFD1



200C0E



FFECEE



000000



7D6668



7D6668



7D5A5D



7D7373



7D4D51



7D7F7F



7D4146



7D8C8A

7D343A

7D9896

7D282F

7DA5A1

7D1B24

7DB1AC

7D0F18

7DBEB8

7D020D

7DCAC3

7D000B

7DD7CF

# Harmonies

## Analogous

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



796670



7D6668



7C6761

# Triad

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



7D6668



656F60



5E6E7B

# Complementary

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



7D6668



667D7B

# 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.



577077



7D6668



5C7067

# Square

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



7D6668



6E6C5C



57706F



676B7B

# Rectangle

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



7D6668



79695D



57706F



5B6E7A



# Sweetspot

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



7D6668



A3999A



7B667D



524C4C



D1D1D1



525252



# Same Dimension

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



7D6668



A37F82



7D6F66



40393A



80000B



000000



# Inverse Universe

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



7D6668



A37F82



66747D



40393A



80000B

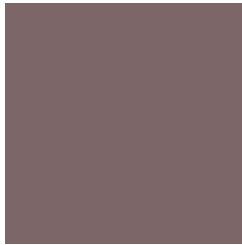


000000



# Previews

## White Background



This preview shows how the Hex color 7D6668 looks on a white background.

## Color Contrast Check

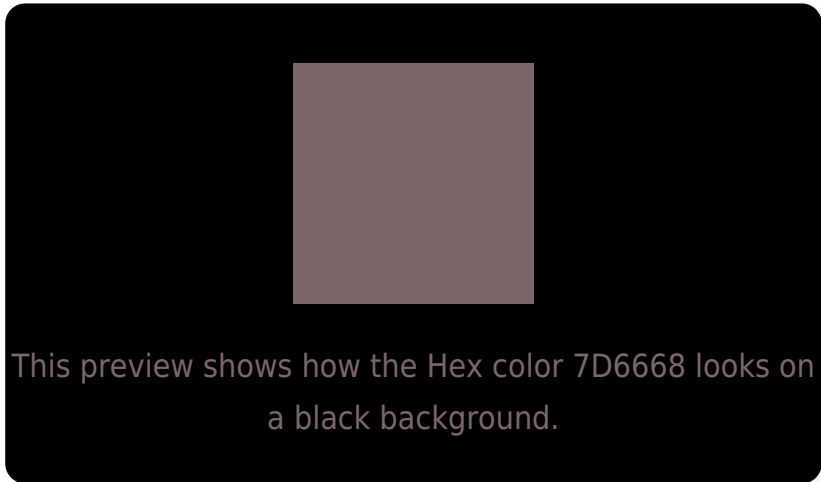
Large Text (above 18pt) WCAG AA ✓ Pass

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

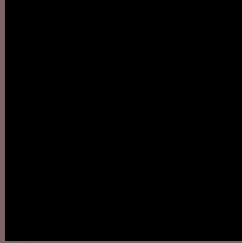
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D6668 Background



This preview shows how black text looks on a background with the Hex color 7D6668.

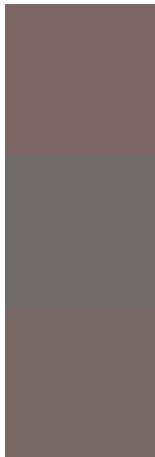


This preview shows how white text looks on a background with the Hex color 7D6668.

# 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**  
7D6668

**Protanopia**  
6E6B6B

**Deuteranopia**  
786868



**Tritanopia**  
7E656D

# Trichromacy



**Original Color**  
7D6668

**Protanomaly**  
73696A

**Deuteranomaly**  
7A6768

**Tritanomaly**  
7E656B

# Monochromacy



**Original Color**  
7D6668

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
736A6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D6668 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 #7D6668 looks like.

```
.text, #text, p{  
    color:#7D6668  
}
```

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 #7D6668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D6668
}
```

## Border

The CSS property to change the border of an element to Hex 7D6668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

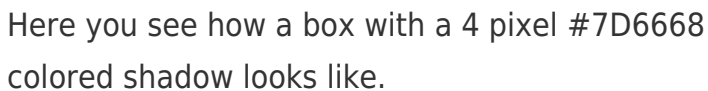
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D6668 }
```

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

```
.border{ border-color:#7D6668 }
```

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



Here you see how a box with a 4 pixel #7D6668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D6668; -webkit-box-shadow:4px 4px  
4px 4px #7D6668; box-shadow:4px 4px 4px  
4px #7D6668 }
```

# Background

The CSS property to change the background color of an element to Hex 7D6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D6668 }
```

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

```
.background{ background-color:#7D6668 }
```

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