

# Converting Colors

Hex(7D6B74)

Have a look what the booklet for  
Hex(7D6B74) contains.

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# Color

Hex(7D6B74)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 7D6B74                    |
| RGB           | 125, 107, 116             |
| RGB Percent   | 49%, 42%, 45%             |
| CMY           | 0.5098, 0.5804, 0.5451    |
| CMYK          | 0.00, 0.14, 0.07, 0.51    |
| HSL           | 330°, 8%, 45%             |
| HSV           | 330°, 14%, 49%            |
| XYZ           | 16.8675, 16.1363, 18.7486 |
| YIQ           | 113.4080, 7.8390, 6.6150  |

# Conversions

## Conversions Part 2

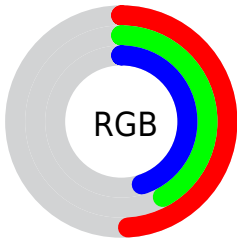
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 125, 107, 116                |
| Decimal                             | 8219508                      |
| CIE Lab                             | 47.15, 8.77, -2.38           |
| CIE LCh                             | 47, 9.087, 344.798           |
| Yxy                                 | 16.1363, 0.3259,<br>0.3118   |
| Android<br>(android.graphics.Color) | 4286409588<br>(0xFF7D6B74)   |
| YUV                                 | 113.4080, 1.2779,<br>10.1662 |
| Hunter-Lab                          | 40.1700, 4.6552,<br>0.4465   |

# Details

The Hex color **7D6B74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B7D74**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B29EA8**, and **4C3C44** is the 20% darker color. If you saturate the color by 10%, you get **7D5F6E**, and if you desaturate by 10%, it is **7D787A**.

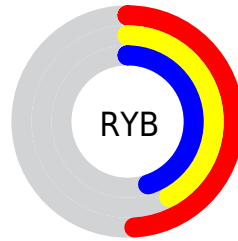
# Distribution



Red (49%)

Green (42%)

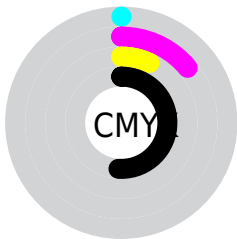
Blue (45%)



Red (49%)

Yellow (42%)

Blue (45%)

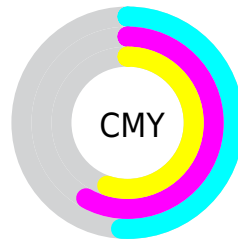


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (51%)



Cyan (51%)

Magenta (58%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D6B74 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 7D6B74 by changing the saturation by 10% instead.





7D6B74



7D6B74

FFFFFF



64535B



B29EA8



4C3C44



CDB9C3



35262E



E9D5DF



201219



FFF1FC



000000



7D6B74



7D6B74



7D5F6E



7D787A



7D5268



7D8481



7D4661



7D9187

7D395B

7D9D8D

7D2D55

7DAA93

7D204F

7DB69A

7D1448

7DC3A0

7D0742

7DCFA6

7D003F

7DDCAC

# Harmonies

## Analogous

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



766D7B



7D6B74



806B6C

# Triad

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



7D6B74



727061



5D747A

# Complementary

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



7D6B74



6B7D74

# 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.



5D7473



7D6B74



697365

# Square

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



7D6B74



7A6E61



61746C



63727E

# Rectangle

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



7D6B74



806B67



61746C



5D7478



# Sweetspot

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



7D6B74



A39DA0



746B7D



524E50



D1D1D1



525252



# Same Dimension

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



7D6B74



A38795



7D6B6B



40393D



800040



000000



# Inverse Universe

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



7D6B74



A38795



6B7D7D



40393D



800040



000000



# Previews

## White Background



This preview shows how the Hex color 7D6B74 looks on a white background.

## Color Contrast Check

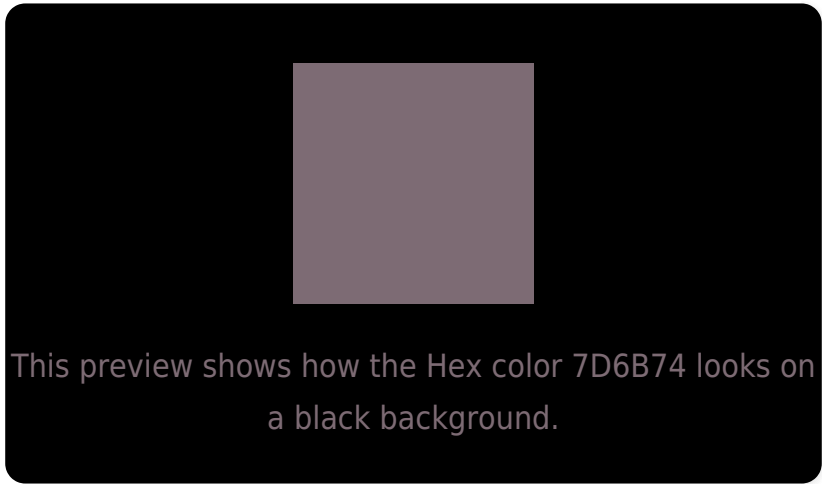
Large Text (above 18pt) WCAG AA ✓ Pass

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

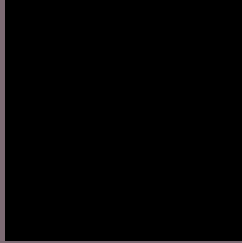
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D6B74 Background



This preview shows how black text looks on a background with the Hex color 7D6B74.



This preview shows how white text looks on a background with the Hex color 7D6B74.

# 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**  
7D6B74

**Protanopia**  
706F77

**Deuteranopia**  
796D74



**Tritanopia**  
7D6B73

# Trichromacy



**Original Color**

7D6B74

**Protanomaly**

756E76

**Deuteranomaly**

7A6C74

**Tritanomaly**

7D6B73

# Monochromacy



**Original Color**

7D6B74

**Achromatopsia**

717171

**Achromatomaly**

756F72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D6B74 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 #7D6B74 looks like.

```
.text, #text, p{  
    color:#7D6B74  
}
```

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 #7D6B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D6B74
}
```

## Border

The CSS property to change the border of an element to Hex 7D6B74 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".

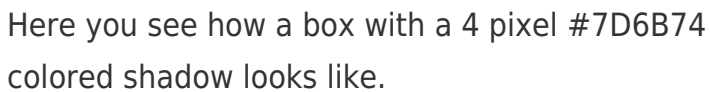
```
.border, #border, table{ border:4px solid
#7D6B74 }
```

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

```
.border{ border-color:#7D6B74 }
```

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

Here you see how a box with a 4 pixel #7D6B74 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D6B74; -webkit-box-shadow:4px 4px  
4px 4px #7D6B74; box-shadow:4px 4px 4px  
4px #7D6B74 }
```

# Background

The CSS property to change the background color of an element to Hex 7D6B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D6B74 }
```

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

```
.background{ background-color:#7D6B74 }
```

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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