

# Converting Colors

Hex(7B6D6C)

Have a look what the booklet for  
Hex(7B6D6C) contains.

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# Color

Hex(7B6D6C)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B6D6C
RGB	123, 109, 108
RGB Percent	48%, 43%, 42%
CMY	0.5176, 0.5725, 0.5765
CMYK	0.00, 0.11, 0.12, 0.52
HSL	4°, 6%, 45%
HSV	4°, 12%, 48%
XYZ	16.3438, 16.2309, 16.4588
YIQ	113.0720, 8.6650, 2.6570

# Conversions

## Conversions Part 2

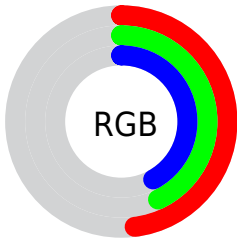
Format	Color
R <sub>Y</sub> B	123, 109, 108
Decimal	8088940
CIE Lab	47.28, 5.30, 2.56
CIE LCh	47, 5.884, 25.762
Yxy	16.2309, 0.3333, 0.3310
Android (android.graphics.Color)	4286279020 (0xFF7B6D6C)
YUV	113.0720, -2.5005, 8.7069
Hunter-Lab	40.2876, 1.9101, 3.9794

# Details

The Hex color **7B6D6C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C7A7B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B0A09F**, and **4A3E3D** is the 20% darker color. If you saturate the color by 10%, you get **7B6260**, and if you desaturate by 10%, it is **7B7878**.

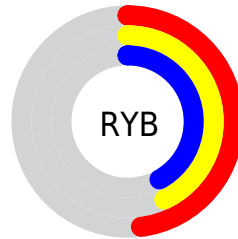
# Distribution



Red (48%)

Green (43%)

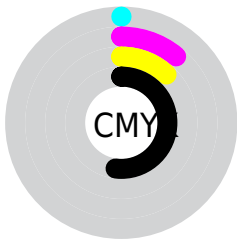
Blue (42%)



Red (48%)

Yellow (43%)

Blue (42%)

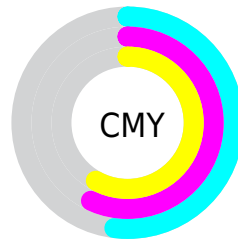


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (52%)



Cyan (52%)

Magenta (57%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6D6C 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 7B6D6C by changing the saturation by 10% instead.



7B6D6C

7B6D6C

FFFFFF

625554

B0A09F

4A3E3D

CBBBBA

332827

E7D7D6

1E1312

FFF4F2

000000

7B6D6C

7B6D6C

7B6260

7B7878

7B5653

7B8485

7B4B47

7B8F91

 7B3F3B

 7B9B9D

 7B342F

 7BA6AA

 7B2822

 7BB2B6

 7B1D16

 7BBDC2

 7B110A

 7BC9CE

 7B0800

 7BD4DB

# Harmonies

## Analogous

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



7A6D71



7B6D6C



796E68

# Triad

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



7B6D6C



6A726A



6A717A

# Complementary

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



7B6D6C



6C7A7B

# 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.



667278



7B6D6C



66736F

# Square

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



7B6D6C



707167



647374



706F79

# Rectangle

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



7B6D6C



776F67



647374



68717A



# Sweetspot

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



7B6D6C



A19B9A



7B6C7A



524E4E



D1D1D1



525252



# Same Dimension

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



7B6D6C



A18A89



7B746C



3D3737



7D0800



FC1100



# Inverse Universe

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



6C7A7B



899FA1



6C737B



373D3D



00757D



00ECFC



# Previews

## White Background



This preview shows how the Hex color 7B6D6C looks on a white background.

## Color Contrast Check

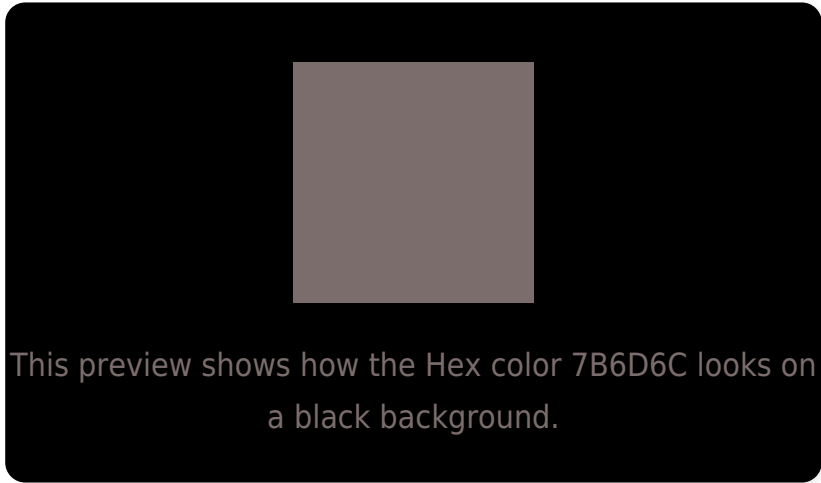
Large Text (above 18pt) WCAG AA ✓ Pass

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

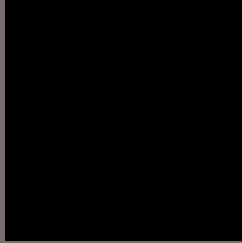
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6D6C Background



This preview shows how black text looks on a background with the Hex color 7B6D6C.

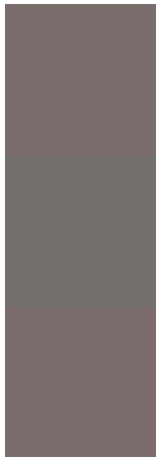


This preview shows how white text looks on a background with the Hex color 7B6D6C.

# 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**  
7B6D6C

**Protanopia**  
73706D

**Deuteranopia**  
7D6C6C



**Tritanopia**  
7C6C74

# Trichromacy



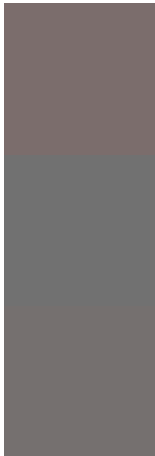
**Original Color**  
7B6D6C

**Protanomaly**  
766F6D

**Deuteranomaly**  
7C6C6C

**Tritanomaly**  
7C6C71

# Monochromacy



**Original Color**  
7B6D6C

**Achromatopsia**  
717171

**Achromatomaly**  
75706F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6D6C 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 #7B6D6C looks like.

```
.text, #text, p{  
    color:#7B6D6C  
}
```

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 #7B6D6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6D6C
}
```

## Border

The CSS property to change the border of an element to Hex 7B6D6C 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".

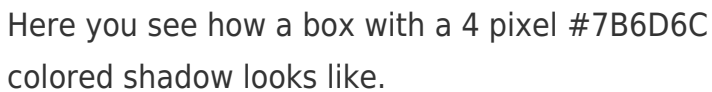
```
.border, #border, table{ border:4px solid
#7B6D6C }
```

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

```
.border{ border-color:#7B6D6C }
```

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

Here you see how a box with a 4 pixel #7B6D6C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6D6C; -webkit-box-shadow:4px 4px  
4px 4px #7B6D6C; box-shadow:4px 4px 4px  
4px #7B6D6C }
```

# Background

The CSS property to change the background color of an element to Hex 7B6D6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6D6C }
```

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

```
.background{ background-color:#7B6D6C }
```

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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