

# Converting Colors

Hex(7B6C6A)

Have a look what the booklet for  
Hex(7B6C6A) contains.

<b>Hex(7B6C6A)</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(7B6C6A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B6C6A
RGB	123, 108, 106
RGB Percent	48%, 42%, 42%
CMY	0.5176, 0.5765, 0.5843
CMYK	0.00, 0.12, 0.14, 0.52
HSL	7°, 7%, 45%
HSV	7°, 14%, 48%
XYZ	16.1325, 15.9767, 15.8692
YIQ	112.2570, 9.5820, 2.5580

# Conversions

## Conversions Part 2

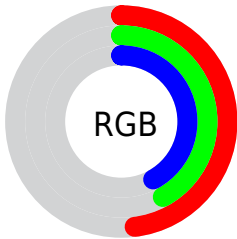
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 108, 106
Decimal	8088682
CIE <sub>Lab</sub>	46.94, 5.53, 3.27
CIE <sub>LCh</sub>	47, 6.423, 30.628
Yxy	15.9767, 0.3362, 0.3330
Android (android.graphics.Color)	4286278762 (0xFF7B6C6A)
YUV	112.2570, -3.0847, 9.4216
Hunter-Lab	39.9708, 2.0946, 4.4403

# Details

The Hex color **7B6C6A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A797B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B09F9D**, and **4A3D3B** is the 20% darker color. If you saturate the color by 10%, you get **7B615E**, and if you desaturate by 10%, it is **7B7776**.

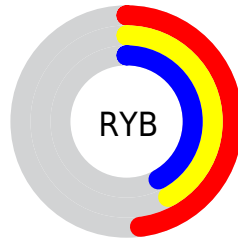
# Distribution



Red (48%)

Green (42%)

Blue (42%)



Red (48%)

Yellow (42%)

Blue (42%)

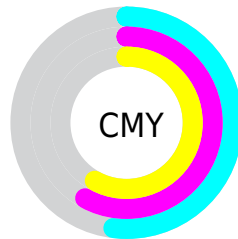


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (52%)



Cyan (52%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6C6A 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 7B6C6A by changing the saturation by 10% instead.





7B6C6A



7B6C6A

FFFFFF



625452



B09F9D



4A3D3B



CBBAB8



332725



E7D6D4



1E1310



FFF2F0



000000



7B6C6A



7B6C6A



7B615E



7B7776



7B5651



7B8283



7B4B45



7B8D8F

 7B4139

 7B979B

 7B362D

 7BA2A8

 7B2B20

 7BADB4

 7B2014

 7BB8C0

 7B1508

 7BC3CC

 7B0E00

 7BCED9

# Harmonies

## Analogous

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



7A6C6F



7B6C6A



796D66

# Triad

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



7B6C6A



68726A



6A707A

# Complementary

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



7B6C6A



6A797B

# 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.



647178



7B6C6A



63736F

# Square

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



7B6C6A



6E7166



627275



716E79

# Rectangle

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



7B6C6A



766E65



627275



68707A



# Sweetspot

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



7B6C6A



A19B9A



7B6A79



524E4E



D1D1D1



525252



# Same Dimension

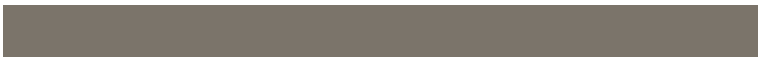
The Same Dimension uses a secret algorithm to generate beautiful new colors.



7B6C6A



A18985



7B746A



3D3837



7D0F00



FC1E00



# Inverse Universe

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



6A797B



859DA1



6A717B



373C3D



006E7D



00DFFC



# Previews

## White Background



This preview shows how the Hex color 7B6C6A looks on a white background.

## Color Contrast Check

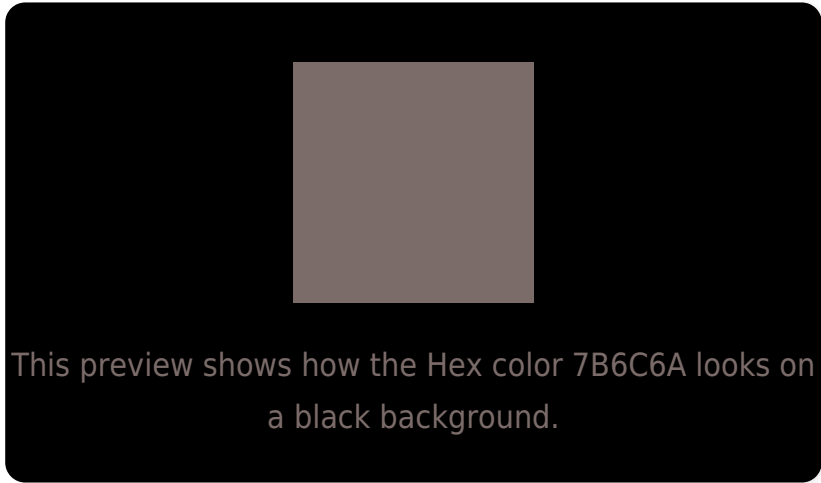
Large Text (above 18pt) WCAG AA ✓ Pass

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

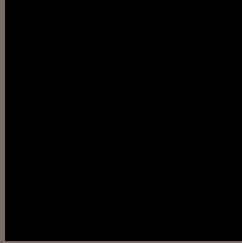
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6C6A Background



This preview shows how black text looks on a background with the Hex color 7B6C6A.

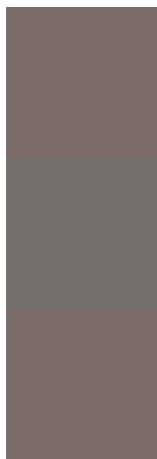


This preview shows how white text looks on a background with the Hex color 7B6C6A.

# 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**


7B6C6A

**Protanopia**

726F6C

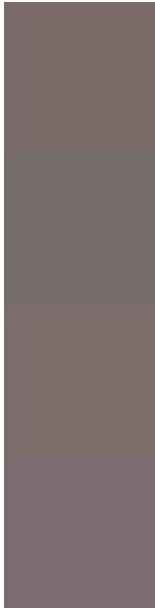
**Deuteranopia**

7C6C6A



**Tritanopia**  
7C6B73

# Trichromacy



**Original Color**

7B6C6A

**Protanomaly**

756E6B

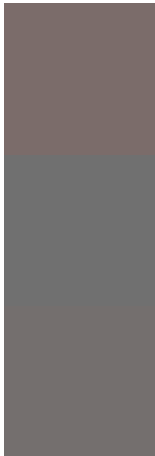
**Deuteranomaly**

7C6C6A

**Tritanomaly**

7C6B70

# Monochromacy



**Original Color**

7B6C6A

**Achromatopsia**

707070

**Achromatomaly**

746F6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6C6A 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 #7B6C6A looks like.

```
.text, #text, p{  
    color:#7B6C6A  
}
```

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 #7B6C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6C6A
}
```

## Border

The CSS property to change the border of an element to Hex 7B6C6A 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
#7B6C6A }
```

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

```
.border{ border-color:#7B6C6A }
```

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

Here you see how a box with a 4 pixel #7B6C6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6C6A; -webkit-box-shadow:4px 4px  
4px 4px #7B6C6A; box-shadow:4px 4px 4px  
4px #7B6C6A }
```

# Background

The CSS property to change the background color of an element to Hex 7B6C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6C6A }
```

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

```
.background{ background-color:#7B6C6A }
```

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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