

# Converting Colors

Hex(7B6C74)

Have a look what the booklet for  
Hex(7B6C74) contains.

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# Color

Hex(7B6C74)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B6C74
RGB	123, 108, 116
RGB Percent	48%, 42%, 45%
CMY	0.5176, 0.5765, 0.5451
CMYK	0.00, 0.12, 0.06, 0.52
HSL	328°, 6%, 45%
HSV	328°, 12%, 48%
XYZ	16.6833, 16.1970, 18.7700
YIQ	113.3970, 6.3720, 5.6680

# Conversions

## Conversions Part 2

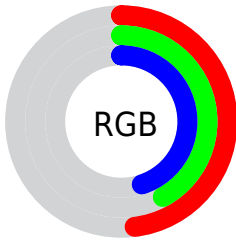
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 108, 116
Decimal	8088692
CIE <sub>Lab</sub>	47.23, 7.40, -2.29
CIE <sub>LCh</sub>	47, 7.747, 342.816
Yxy	16.1970, 0.3230, 0.3136
Android (android.graphics.Color)	4286278772 (0xFF7B6C74)
YUV	113.3970, 1.2833, 8.4218
Hunter-Lab	40.2455, 3.5654, 0.5197

# Details

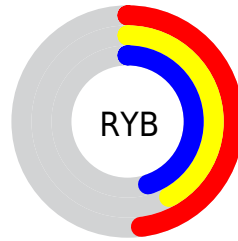
The Hex color **7B6C74** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6C7B73**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B09FA8**, and **4A3D44** is the 20% darker color. If you saturate the color by 10%, you get **7B606E**, and if you desaturate by 10%, it is **7B787A**.

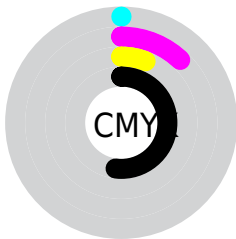
# Distribution



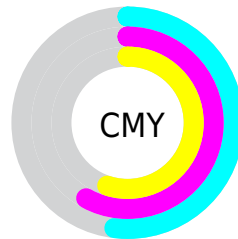
- Red (48%)
- Green (42%)
- Blue (45%)



- Red (48%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6C74 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 7B6C74 by changing the saturation by 10% instead.





7B6C74



7B6C74

FFFFFF



62545B



B09FA8



4A3D44



CBBAC3



34272E



E7D6DF



1E1319



FFF3FC



000000



7B6C74



7B6C74



7B606E



7B787A



7B5369



7B857F



7B4763



7B9185

 7B3B5D

 7B9D8B

 7B2F57

 7BAA91

 7B2252

 7BB696

 7B164C

 7BC29C

 7B0A46

 7BCEA2

 7B0042

 7BDBA8

# Harmonies

## Analogous

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



756D7A



7B6C74



7E6C6D

# Triad

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



7B6C74



727063



607379

# Complementary

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



7B6C74



6C7B73

# 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.



607473



7B6C74



6B7266

# Square

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



7B6C74



796E64



64746C



65727C

# Rectangle

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



7B6C74



7E6C69



64746C



607477



# Sweetspot

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



7B6C74



A19A9E



736C7B



524E50



D1D1D1



525252



# Same Dimension

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



7B6C74



A18995



7B6C6D



3D373A



7D0043



FC0087



# Inverse Universe

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



7B6C74



A18995



6C7B7B



3D373A



7D0043



FC0087



# Previews

## White Background



This preview shows how the Hex color 7B6C74 looks on a white background.

## Color Contrast Check

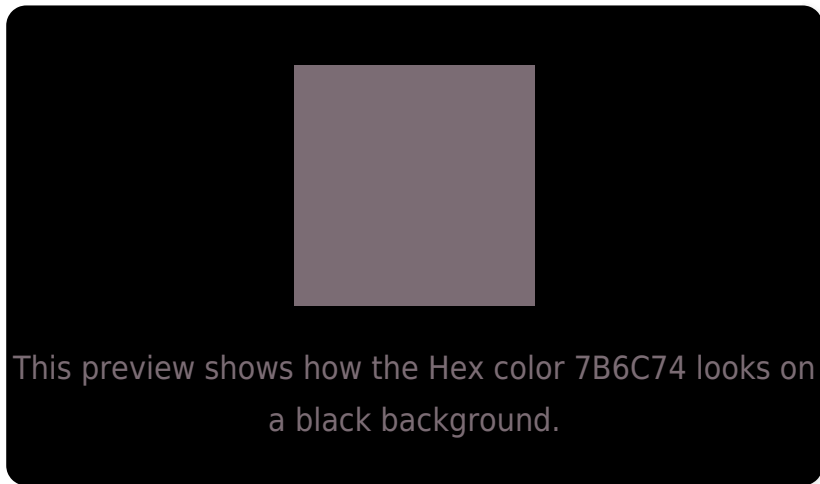
Large Text (above 18pt) WCAG AA ✓ Pass

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

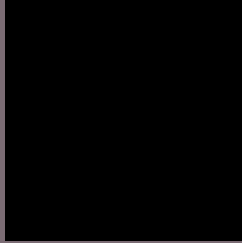
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6C74 Background



This preview shows how black text looks on a background with the Hex color 7B6C74.



This preview shows how white text looks on a background with the Hex color 7B6C74.

# 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**


7B6C74

**Protanopia**

706F76

**Deuteranopia**

796D74



**Tritanopia**  
7B6C74

# Trichromacy



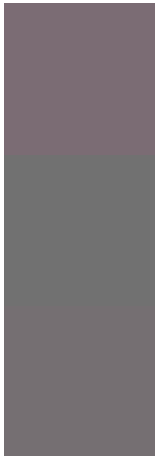
**Original Color**  
7B6C74

**Protanomaly**  
746E75

**Deuteranomaly**  
7A6D74

**Tritanomaly**  
7B6C74

# Monochromacy



**Original Color**  
7B6C74

**Achromatopsia**  
717171

**Achromatomaly**  
756F72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6C74 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 #7B6C74 looks like.

```
.text, #text, p{  
    color:#7B6C74  
}
```

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 #7B6C74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6C74
}
```

## Border

The CSS property to change the border of an element to Hex 7B6C74 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".

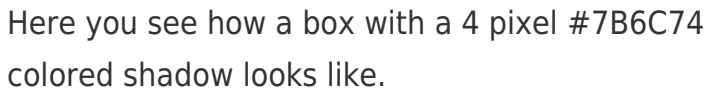
```
.border, #border, table{ border:4px solid
#7B6C74 }
```

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

```
.border{ border-color:#7B6C74 }
```

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

Here you see how a box with a 4 pixel #7B6C74 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6C74; -webkit-box-shadow:4px 4px  
4px 4px #7B6C74; box-shadow:4px 4px 4px  
4px #7B6C74 }
```

# Background

The CSS property to change the background color of an element to Hex 7B6C74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6C74 }
```

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

```
.background{ background-color:#7B6C74 }
```

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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