

# Converting Colors

Hex(7B6D73)

Have a look what the booklet for  
Hex(7B6D73) contains.

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# Color

Hex(7B6D73)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B6D73
RGB	123, 109, 115
RGB Percent	48%, 43%, 45%
CMY	0.5176, 0.5725, 0.5490
CMYK	0.00, 0.11, 0.07, 0.52
HSL	334°, 6%, 45%
HSV	334°, 11%, 48%
XYZ	16.7315, 16.3860, 18.5006
YIQ	113.8700, 6.4180, 4.8340

# Conversions

## Conversions Part 2

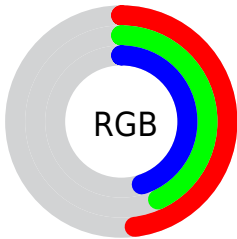
Format	Color
<b>R<sub>YB</sub></b>	123, 109, 115
Decimal	8088947
CIE <sub>Lab</sub>	47.48, 6.61, -1.33
CIE <sub>LCh</sub>	47, 6.747, 348.621
Yxy	16.3860, 0.3241, 0.3174
Android (android.graphics.Color)	4286279027 (0xFF7B6D73)
YUV	113.8700, 0.5571, 8.0070
Hunter-Lab	40.4797, 2.9403, 1.2382

# Details

The Hex color **7B6D73** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6D7B75**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B0A0A7**, and **4A3E43** is the 20% darker color. If you saturate the color by 10%, you get **7B616C**, and if you desaturate by 10%, it is **7B797A**.

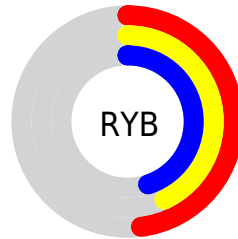
# Distribution



Red (48%)

Green (43%)

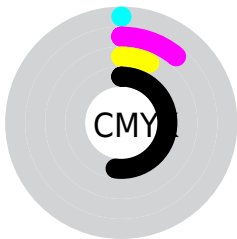
Blue (45%)



Red (48%)

Yellow (43%)

Blue (45%)

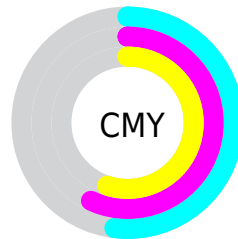


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (52%)



Cyan (52%)

Magenta (57%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B6D73 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 7B6D73 by changing the saturation by 10% instead.



 7B6D73

 7B6D73

FFFFFF

 62555A

 B0A0A7

 4A3E43

 CBBBC2

 34282D

 E7D7DE

 1E1318

 FFF4FA

 000000

 7B6D73

 7B6D73

 7B616C

 7B797A

 7B5465

 7B8681

 7B485E

 7B9288

 7B3C57

 7B9E8F

 7B2F50

 7BAB96

 7B2349

 7BB79D

 7B1742

 7BC3A4

 7B0B3B

 7BCFAB

 7B0035

 7BDCB2

# Harmonies

## Analogous

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



766E78



7B6D73



7D6D6D

# Triad

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



7B6D73



727166



647379

# Complementary

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



7B6D73



6D7B75

# 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.



637474



7B6D73



6B7369

# Square

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



7B6D73



786F66



65746E



68727C

# Rectangle

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



7B6D73



7D6D6A



65746E



637477



# Sweetspot

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



7B6D73



A19C9E



756D7B



524E50



D1D1D1



525252



# Same Dimension

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



7B6D73



A18A94



7B6E6D



3D373A



7D0036



FC006C



# Inverse Universe

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



7B6D73



A18A94



6D7A7B



3D373A



7D0036



FC006C



# Previews

## White Background



This preview shows how the Hex color 7B6D73 looks on a white background.

## Color Contrast Check

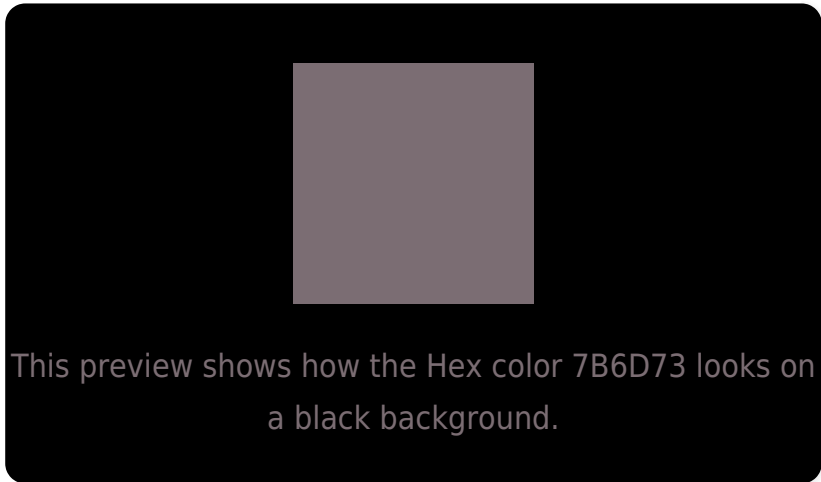
Large Text (above 18pt) WCAG AA ✓ Pass

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

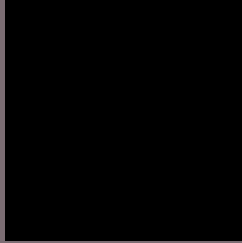
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B6D73 Background



This preview shows how black text looks on a background with the Hex color 7B6D73.



This preview shows how white text looks on a background with the Hex color 7B6D73.

# 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**


7B6D73

**Protanopia**

717075

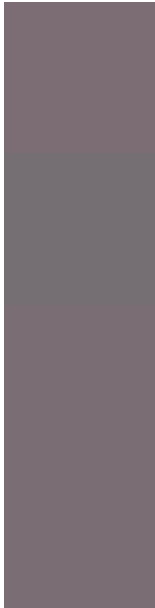
**Deuteranopia**

7A6D73



**Tritanopia**  
7B6D75

# Trichromacy



**Original Color**

7B6D73

**Protanomaly**

756F74

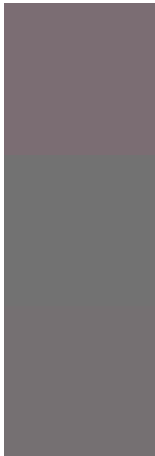
**Deuteranomaly**

7A6D73

**Tritanomaly**

7B6D74

# Monochromacy



**Original Color**

7B6D73

**Achromatopsia**

727272

**Achromatomaly**

757072

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B6D73 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 #7B6D73 looks like.

```
.text, #text, p{  
    color:#7B6D73  
}
```

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 #7B6D73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6D73
}
```

## Border

The CSS property to change the border of an element to Hex 7B6D73 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".

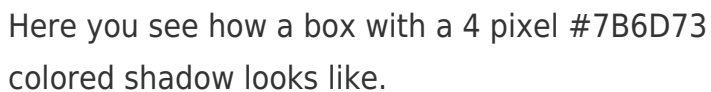
```
.border, #border, table{ border:4px solid
#7B6D73 }
```

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

```
.border{ border-color:#7B6D73 }
```

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

Here you see how a box with a 4 pixel #7B6D73 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6D73; -webkit-box-shadow:4px 4px  
4px 4px #7B6D73; box-shadow:4px 4px 4px  
4px #7B6D73 }
```

# Background

The CSS property to change the background color of an element to Hex 7B6D73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6D73 }
```

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

```
.background{ background-color:#7B6D73 }
```

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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