

# Converting Colors

Hex(7B7A73)

Have a look what the booklet for  
Hex(7B7A73) contains.

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# Color

Hex(7B7A73)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B7A73
RGB	123, 122, 115
RGB Percent	48%, 48%, 45%
CMY	0.5176, 0.5216, 0.5490
CMYK	0.00, 0.01, 0.07, 0.52
HSL	53°, 3%, 47%
HSV	53°, 7%, 48%
XYZ	18.2224, 19.3678, 18.9976
YIQ	121.5010, 2.8430, -1.9650

# Conversions

## Conversions Part 2

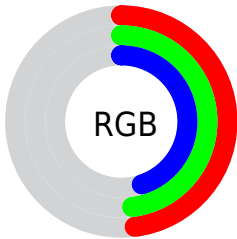
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 123, 115
Decimal	8092275
CIELab	51.11, -0.98, 3.96
CIElCh	51, 4.077, 103.883
Yxy	19.3678, 0.3220, 0.3423
Android (android.graphics.Color)	4286282355 (0xFF7B7A73)
YUV	121.5010, -3.2050, 1.3146
Hunter-Lab	44.0089, -3.1054, 5.2121

# Details

The Hex color **7B7A73** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **73747B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **AFAEA7**, and **4A4943** is the 20% darker color. If you saturate the color by 10%, you get **7B7867**, and if you desaturate by 10%, it is **7B7C7F**.

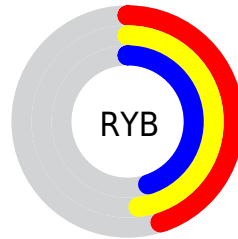
# Distribution



Red (48%)

Green (48%)

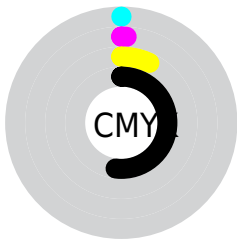
Blue (45%)



Red (45%)

Yellow (48%)

Blue (45%)

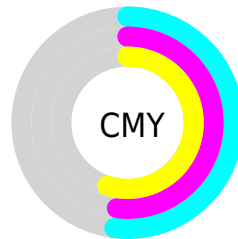


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B7A73 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 7B7A73 by changing the saturation by 10% instead.



■ 7B7A73

■ 7B7A73

FFFFFF

■ 62615A

■ AFAEA7

■ 4A4943

■ CBCAC2

■ 34332D

■ E7E6DE

■ 1F1E18

■ FFFFFB

■ 040500

■ 000000

■ 7B7A73

■ 7B7A73

■ 7B7867

■ 7B7C7F

■ 7B775A

■ 7B7D8C

 7B754E

 7B7F98

 7B7442

 7B80A4

 7B7236

 7B82B1

 7B7129

 7B83BD

 7B6F1D

 7B85C9

 7B6E11

 7B86D5

 7B6C04

 7B88E2

# Harmonies

## Analogous

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



7F7973



7B7A73



777B75

# Triad

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



7B7A73



727B7E



80787C

# Complementary

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



7B7A73



73747B

# 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.



7C787F



7B7A73



747B80

# Square

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



7B7A73



727C7B



787980



817778

# Rectangle

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



7B7A73



747C77



787980



7F787D



# Sweetspot

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



7B7A73



A1A09D



7B7374



525150



D1D1D1



525252



# Same Dimension

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



7B7A73



A19F94



787B73



3D3C37



7D6D00



FCDD00



# Inverse Universe

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



73747B



9495A1



76737B



37383D



00107D

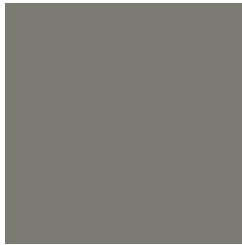


0020FC



# Previews

## White Background



This preview shows how the Hex color 7B7A73 looks on a white background.

## Color Contrast Check

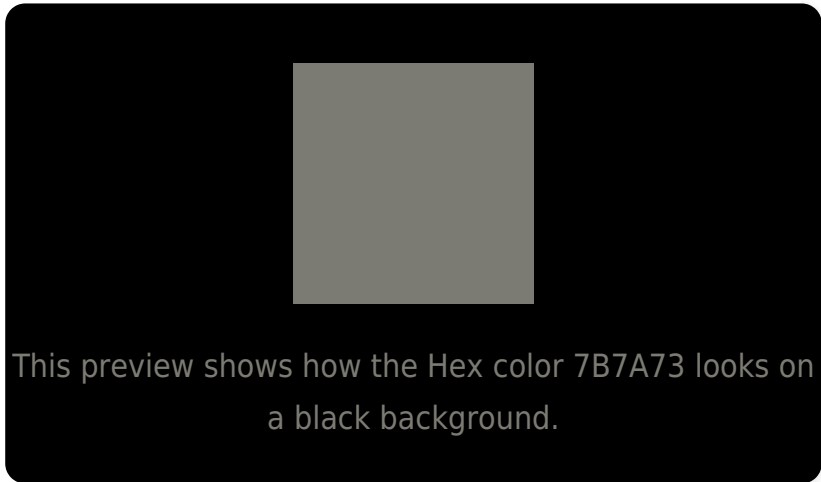
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

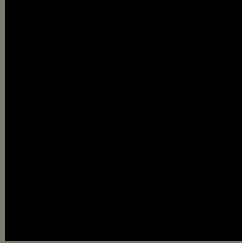
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

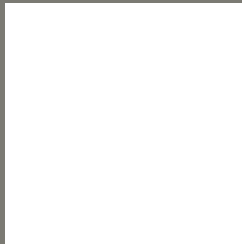
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B7A73 Background



This preview shows how black text looks on a background with the Hex color 7B7A73.



This preview shows how white text looks on a background with the Hex color 7B7A73.

# 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**  
7B7A73

**Protanopia**  
7E7973

**Deuteranopia**  
887674



**Tritanopia**  
7D7881

# Trichromacy



**Original Color**

7B7A73

**Protanomaly**

7D7973

**Deuteranomaly**

837774

**Tritanomaly**

7C797C

# Monochromacy



**Original Color**

7B7A73

**Achromatopsia**

7A7A7A

**Achromatomaly**

7A7A77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B7A73 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 #7B7A73 looks like.

```
.text, #text, p{  
    color:#7B7A73  
}
```

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 #7B7A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7A73
}
```

## Border

The CSS property to change the border of an element to Hex 7B7A73 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
#7B7A73 }
```

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

```
.border{ border-color:#7B7A73 }
```

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

Here you see how a box with a 4 pixel #7B7A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7A73; -webkit-box-shadow:4px 4px  
4px 4px #7B7A73; box-shadow:4px 4px 4px  
4px #7B7A73 }
```

# Background

The CSS property to change the background color of an element to Hex 7B7A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7A73 }
```

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

```
.background{ background-color:#7B7A73 }
```

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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