

Converting Colors

Hex(7B7973)

Have a look what the booklet for
Hex(7B7973) contains.

Hex(7B7973)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B7973)

Conversions

Conversions Part 1

Format	Color
Hex	7B7973
RGB	123, 121, 115
RGB Percent	48%, 47%, 45%
CMY	0.5176, 0.5255, 0.5490
CMYK	0.00, 0.02, 0.07, 0.52
HSL	45°, 3%, 47%
HSV	45°, 7%, 48%
XYZ	18.1003, 19.1235, 18.9569
YIQ	120.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

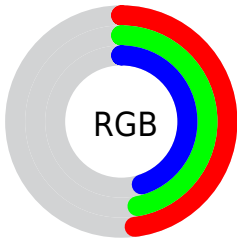
Format	Color
R_{YB}	118, 123, 115
Decimal	8092019
CIE Lab	50.83, -0.40, 3.55
CIE LCh	51, 3.572, 96.468
Yxy	19.1235, 0.3222, 0.3404
Android (android.graphics.Color)	4286282099 (0xFF7B7973)
YUV	120.9140, -2.9156, 1.8294
Hunter-Lab	43.7304, -2.6461, 4.9094

Details

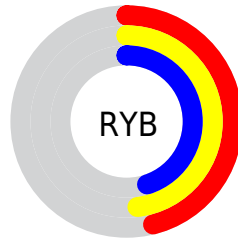
The Hex color **7B7973** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **73757B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AFADA7**, and **4A4943** is the 20% darker color. If you saturate the color by 10%, you get **7B7667**, and if you desaturate by 10%, it is **7B7C7F**.

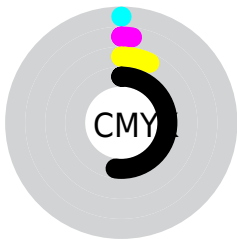
Distribution



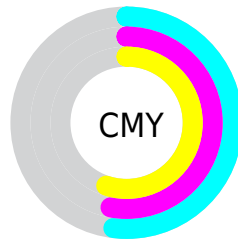
- Red (48%)
- Green (47%)
- Blue (45%)



- Red (46%)
- Yellow (48%)
- Blue (45%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B7973 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 7B7973 by changing the saturation by 10% instead.

■ 7B7973

■ 7B7973

FFFFFF

■ 62605A

■ AFADA7

■ 4A4943

■ CBC9C2

■ 34322D

■ E7E5DE

■ 1F1D18

■ FFFFAA

■ 040300

■ 000000

■ 7B7973

■ 7B7973

■ 7B7667

■ 7B7C7F

■ 7B735A

■ 7B7F8C

■ 7B704E

■ 7B8298

■ 7B6D42

■ 7B85A4

■ 7B6A36

■ 7B88B1

■ 7B6729

■ 7B8BBD

■ 7B631D

■ 7B8FC9

■ 7B6011

■ 7B92D5

■ 7B5D04

■ 7B95E2

Harmonies

Analogous

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



7E7874



7B7973



777A74

Triad

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



7B7973



727B7C



7E777C

Complementary

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



7B7973



73757B

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.



7B787E



7B7973



747A7E

Square

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



7B7973



727B7A



77797F



807778

Rectangle

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



7B7973



757A76



77797F



7D787C

Sweetspot

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



7B7973



A1A09D



7B7375



525150



D1D1D1



525252

Same Dimension

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



7B7973



A19D94



797B73



3D3C37



7D5E00



FCBD00

Inverse Universe

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



73757B



9497A1



75737B



37393D



001F7D



003FFC

Previews

White Background



This preview shows how the Hex color 7B7973 looks on a white background.

Color Contrast Check

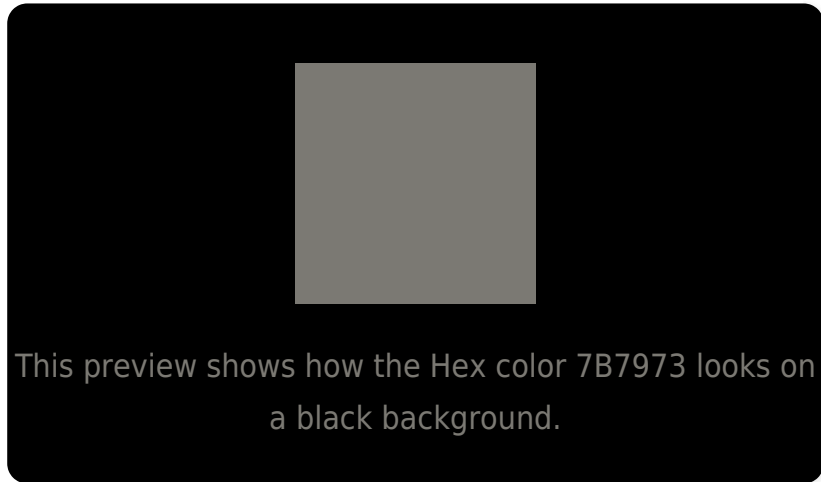
Large Text (above 18pt) WCAG AA ✓ Pass

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

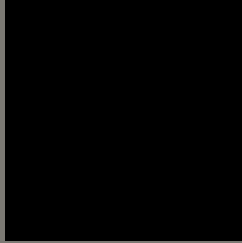
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

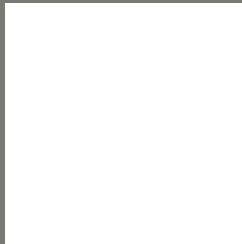
Any Text WCAG AAA × Fail

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

Hex 7B7973 Background



This preview shows how black text looks on a background with the Hex color 7B7973.



This preview shows how white text looks on a background with the Hex color 7B7973.

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

7B7973

Protanopia

7D7973

Deuteranopia

877574



Tritanopia
7D7780

Trichromacy



Original Color
7B7973

Protanomaly
7C7973

Deuteranomaly
837674

Tritanomaly
7C787B

Monochromacy



Original Color
7B7973

Achromatopsia
797979

Achromatomaly
7A7977

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B7973 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 #7B7973 looks like.

```
.text, #text, p{  
    color:#7B7973  
}
```

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 #7B7973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B7973
}
```

Border

The CSS property to change the border of an element to Hex 7B7973 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
#7B7973 }
```

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

```
.border{ border-color:#7B7973 }
```

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

Here you see how a box with a 4 pixel #7B7973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B7973; -webkit-box-shadow:4px 4px  
4px 4px #7B7973; box-shadow:4px 4px 4px  
4px #7B7973 }
```

Background

The CSS property to change the background color of an element to Hex 7B7973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B7973 }
```

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

```
.background{ background-color:#7B7973 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor