

Converting Colors

Hex(7B8781)

Have a look what the booklet for
Hex(7B8781) contains.

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Color

Hex(7B8781)

Conversions

Conversions Part 1

Format	Color
Hex	7B8781
RGB	123, 135, 129
RGB Percent	48%, 53%, 51%
CMY	0.5176, 0.4706, 0.4941
CMYK	0.09, 0.00, 0.04, 0.47
HSL	150°, 5%, 51%
HSV	150°, 9%, 53%
XYZ	20.7948, 23.1239, 24.1362
YIQ	130.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

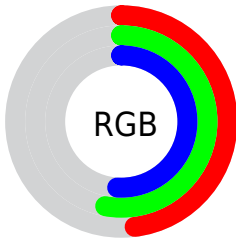
Format	Color
R_{YB}	123, 131, 135
Decimal	8095617
CIE Lab	55.20, -5.61, 1.72
CIE LCh	55, 5.869, 162.988
Yxy	23.1239, 0.3056, 0.3398
Android (android.graphics.Color)	4286285697 (0xFF7B8781)
YUV	130.7280, -0.8519, -6.7775
Hunter-Lab	48.0873, -6.9625, 3.9020

Details

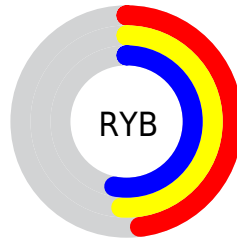
The Hex color **7B8781** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **877B81**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **AFBCB6**, and **4A5550** is the 20% darker color. If you saturate the color by 10%, you get **6E877A**, and if you desaturate by 10%, it is **898788**.

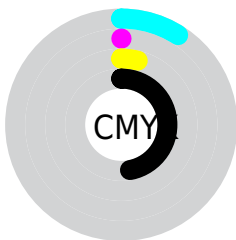
Distribution



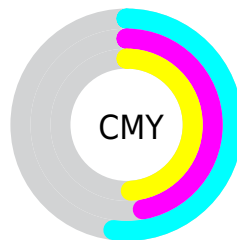
- Red (48%)
- Green (53%)
- Blue (51%)



- Red (48%)
- Yellow (51%)
- Blue (53%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)



- Cyan (52%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B8781 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 7B8781 by changing the saturation by 10% instead.

■ 7B8781

■ 7B8781

FFFFFF

■ 626E68

■ AFBCB6

■ 4A5550

■ CBD8D1

■ 343E39

■ E7F4EE

■ 1E2824

■ 06140E

■ 000000

■ 7B8781

■ 7B8781

■ 6E877A

■ 898788

■ 608773

■ 96878F

■ 53876D

■ A38795

■ 458766

■ B1879C

■ 38875F

■ BF87A3

■ 2A8758

■ CC87AA

■ 1D8752

■ DA87B0

■ 0F874B

■ E787B7

■ 028744

■ F587BE

Harmonies

Analogous

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



80867D



7B8781



788786

Triad

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



7B8781



82848E



8F817D

Complementary

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



7B8781



877B81

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.



8F8182



7B8781



88828C

Square

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



7B8781



7C858E



8D8187



8B837B

Rectangle

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



7B8781



788789



8D8187



8F817F

Sweetspot

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



7B8781



ABB0AD



81877B



565957



D9D9D9



595959

Same Dimension

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



7B8781



9DB0A6



7B8787



3C423F



008241



000301

Inverse Universe

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



877B81



B09DA6



877B7B



423C3F



820041



030001

Previews

White Background



This preview shows how the Hex color 7B8781 looks on a white background.

Color Contrast Check

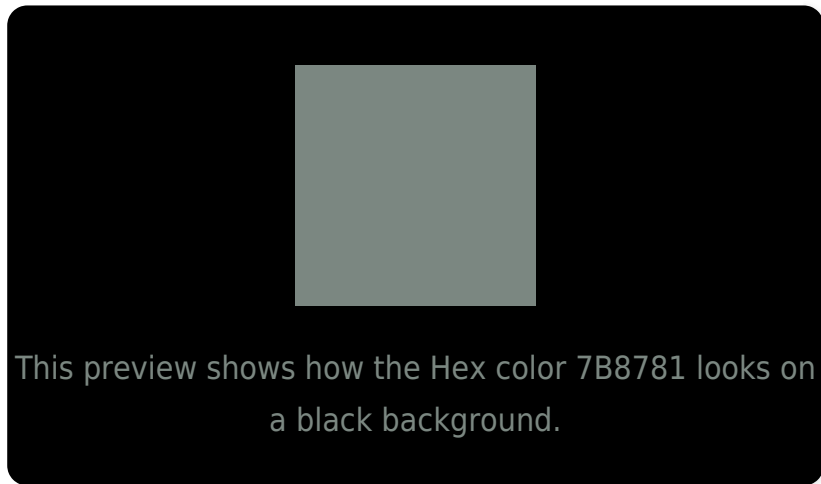
Large Text (above 18pt) WCAG AA ✓ Pass

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

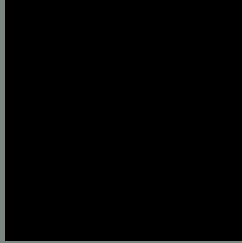
Any Text WCAG AA ✓ Pass

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 7B8781 Background



This preview shows how black text looks on a background with the Hex color 7B8781.



This preview shows how white text looks on a background with the Hex color 7B8781.

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

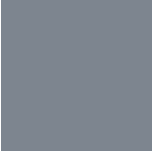
7B8781

Protanopia

87837F

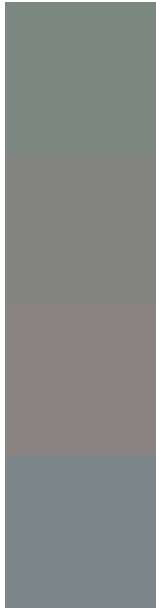
Deuteranopia

918082



Tritanopia
7D858F

Trichromacy



Original Color
7B8781

Protanomaly
838480

Deuteranomaly
898382

Tritanomaly
7C868A

Monochromacy



Original Color
7B8781

Achromatopsia
838383

Achromatomaly
808482

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B8781 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 #7B8781 looks like.

```
.text, #text, p{  
    color:#7B8781  
}
```

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 #7B8781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8781
}
```

Border

The CSS property to change the border of an element to Hex 7B8781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

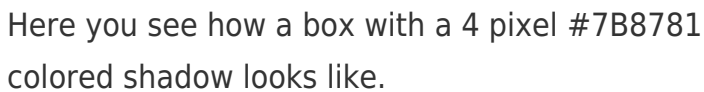
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B8781 }
```

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

```
.border{ border-color:#7B8781 }
```

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



Here you see how a box with a 4 pixel #7B8781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8781; -webkit-box-shadow:4px 4px  
4px 4px #7B8781; box-shadow:4px 4px 4px  
4px #7B8781 }
```

Background

The CSS property to change the background color of an element to Hex 7B8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8781 }
```

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

```
.background{ background-color:#7B8781 }
```

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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