

Converting Colors

Hex(7A7A81)

Have a look what the booklet for
Hex(7A7A81) contains.

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Color

Hex(7A7A81)

Conversions

Conversions Part 1

Format	Color
Hex	7A7A81
RGB	122, 122, 129
RGB Percent	48%, 48%, 51%
CMY	0.5216, 0.5216, 0.4941
CMYK	0.05, 0.05, 0.00, 0.49
HSL	240°, 3%, 49%
HSV	240°, 5%, 51%
XYZ	18.9480, 19.6416, 23.5614
YIQ	122.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

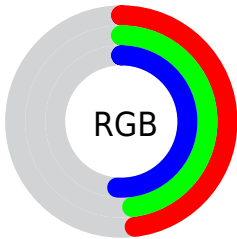
Format	Color
R_{YB}	122, 122, 129
Decimal	8026753
CIE Lab	51.43, 1.44, -3.81
CIE LCh	51, 4.078, 290.707
Yxy	19.6416, 0.3049, 0.3160
Android (android.graphics.Color)	4286216833 (0xFF7A7A81)
YUV	122.7980, 3.0576, -0.6998
Hunter-Lab	44.3189, -1.2424, -0.4974

Details

The Hex color **7A7A81** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81817A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **AEAEB6**, and **494950** is the 20% darker color. If you saturate the color by 10%, you get **6D6D81**, and if you desaturate by 10%, it is **878781**.

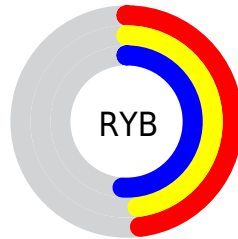
Distribution



Red (48%)

Green (48%)

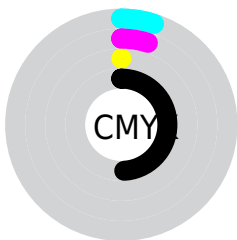
Blue (51%)



Red (48%)

Yellow (48%)

Blue (51%)

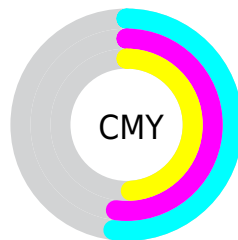


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (49%)



Cyan (52%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A7A81 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 7A7A81 by changing the saturation by 10% instead.



7A7A81



7A7A81

FFFFFF



616168



AEAEB6



494950



CACAD1



333339



E6E6EE



1E1E24



05040E



000000



7A7A81



7A7A81



6D6D81



878781



606081



949481

■ 535381

■ A1A181

■ 464681

■ AEAE81

■ 3A3A81

■ BBBB81

■ 2D2D81

■ C7C781

■ 202081

■ D4D481

■ 131381

■ E1E181

■ 060681

■ EEEE81

Harmonies

Analogous

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



767B81



7A7A81



7E797F

Triad

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



7A7A81



817975



747D79

Complementary

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



7A7A81



81817A

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.



777C76



7A7A81



7F7A74

Square

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



7A7A81



827878



7B7B74



727D7D

Rectangle

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



7A7A81



80787D



7B7B74



757C78

Sweetspot

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



7A7A81



A5A5A8



7A8181



525254



D4D4D4



545454

Same Dimension

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



7A7A81



9D9DA8



7E7A81



3B3B40



000080



000000

Inverse Universe

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



817A81



A89DA8



7E817A



403B40



800080



000000

Previews

White Background



This preview shows how the Hex color 7A7A81 looks on a white background.

Color Contrast Check

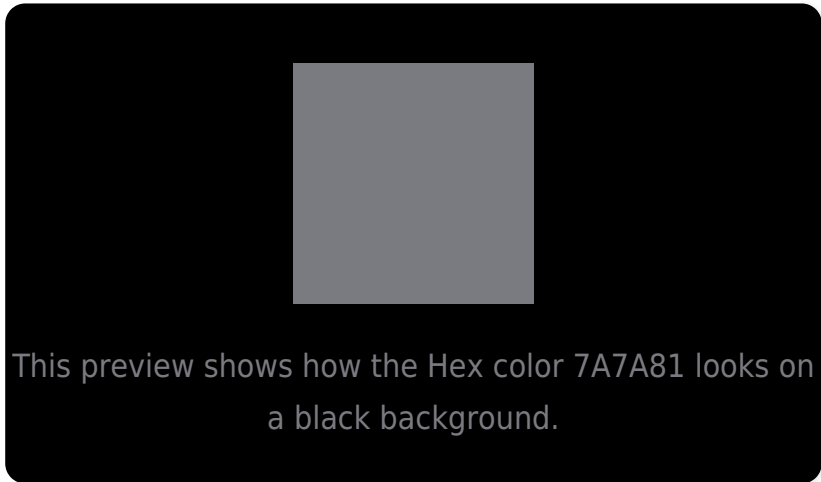
Large Text (above 18pt) WCAG AA ✓ Pass

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

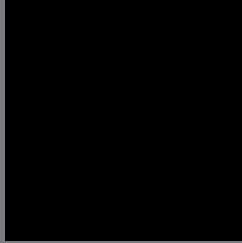
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

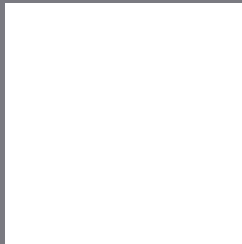
Any Text WCAG AAA × Fail

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

Hex 7A7A81 Background



This preview shows how black text looks on a background with the Hex color 7A7A81.



This preview shows how white text looks on a background with the Hex color 7A7A81.

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


7A7A81

Protanopia

7B7A81

Deuteranopia

837782



Tritanopia
7A7A83

Trichromacy



Original Color

7A7A81

Protanomaly

7B7A81

Deuteranomaly

807882

Tritanomaly

7A7A82

Monochromacy



Original Color

7A7A81

Achromatopsia

7B7B7B

Achromatomaly

7B7B7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A7A81 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 #7A7A81 looks like.

```
.text, #text, p{  
    color:#7A7A81  
}
```

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 #7A7A81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7A81
}
```

Border

The CSS property to change the border of an element to Hex 7A7A81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

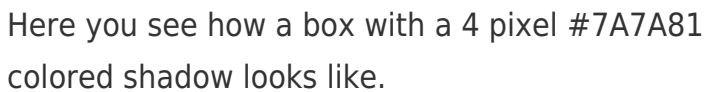
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A7A81 }
```

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

```
.border{ border-color:#7A7A81 }
```

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



Here you see how a box with a 4 pixel #7A7A81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7A81; -webkit-box-shadow:4px 4px  
4px 4px #7A7A81; box-shadow:4px 4px 4px  
4px #7A7A81 }
```

Background

The CSS property to change the background color of an element to Hex 7A7A81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7A81 }
```

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

```
.background{ background-color:#7A7A81 }
```

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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