

# Converting Colors

Hex(7C8081)

Have a look what the booklet for  
Hex(7C8081) contains.

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# Color

**Hex(7C8081)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C8081
RGB	124, 128, 129
RGB Percent	49%, 50%, 51%
CMY	0.5137, 0.4980, 0.4941
CMYK	0.04, 0.01, 0.00, 0.49
HSL	192°, 2%, 50%
HSV	192°, 4%, 51%
XYZ	19.9938, 21.3084, 23.8280
YIQ	126.9180, -2.7050, -0.5370

# Conversions

## Conversions Part 2

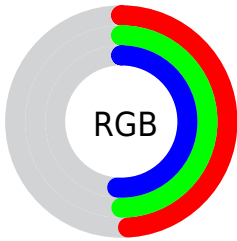
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 126, 129
Decimal	8159361
CIELab	53.29, -1.28, -1.07
CIELCh	53, 1.666, 219.804
Yxy	21.3084, 0.3070, 0.3272
Android (android.graphics.Color)	4286349441 (0xFF7C8081)
YUV	126.9180, 1.0264, -2.5591
Hunter-Lab	46.1610, -3.4678, 1.7076

# Details

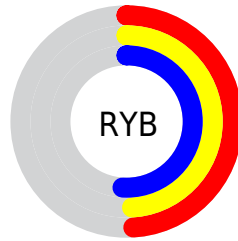
The Hex color **7C8081** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **817D7C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B0B5B6**, and **4B4F50** is the 20% darker color. If you saturate the color by 10%, you get **6F7D81**, and if you desaturate by 10%, it is **898381**.

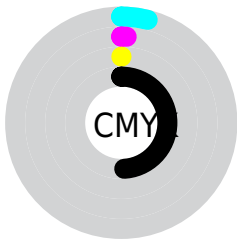
# Distribution



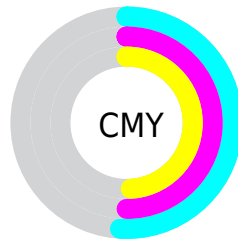
- Red (49%)
- Green (50%)
- Blue (51%)



- Red (49%)
- Yellow (49%)
- Blue (51%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (50%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C8081 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 7C8081 by changing the saturation by 10% instead.



■ 7C8081

■ 7C8081

FFFFFF

■ 636768

■ B0B5B6

■ 4B4F50

■ CCD0D1

■ 353839

■ E8EDEE

■ 1F2324

■ 070D0E

■ 000000

■ 7C8081

■ 7C8081

■ 6F7D81

■ 898381

■ 627B81

■ 968581

■ 557881

■ A38881

■ 487681

■ B08A81

■ 3C7381

■ BC8D81

■ 2F7181

■ C98F81

■ 226E81

■ D69281

■ 156B81

■ E39581

■ 086981

■ F09781

# Harmonies

## Analogous

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



7C8080



7C8081



7D8082

# Triad

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



7C8081



827E80



807F7C

# Complementary

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



7C8081



817D7C

# 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.



817F7D



7C8081



827E7F

# Square

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



7C8081



807F81



827E7D



7E807D

# Rectangle

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



7C8081



7E7F82



827E7D



817F7C



# Sweetspot

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



7C8081



A7A8A8



7C817D



535454



D4D4D4



545454



# Same Dimension

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



7C8081



A0A7A8



7C7E81



3C3F40



006680



000000



# Inverse Universe

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



817C80



A8A0A7



817F7C



403C3F



800066



000000



# Previews

## White Background



This preview shows how the Hex color 7C8081 looks on a white background.

## Color Contrast Check

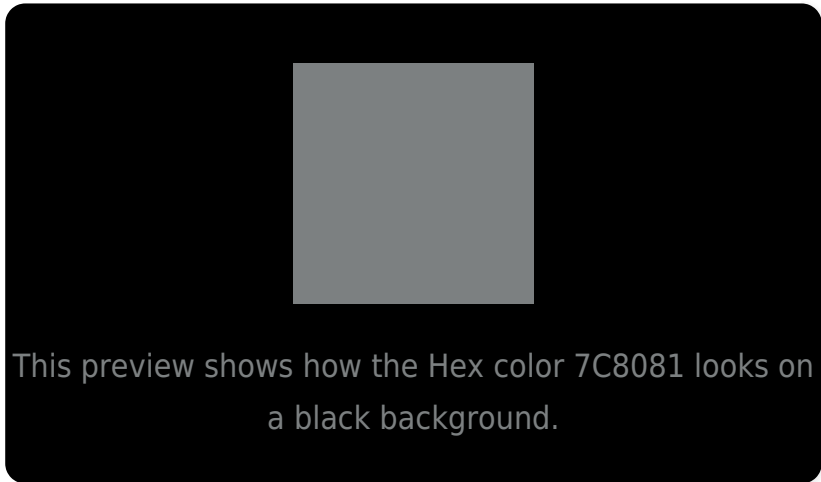
Large Text (above 18pt) WCAG AA ✓ Pass

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

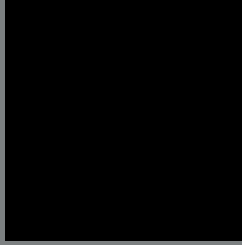
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

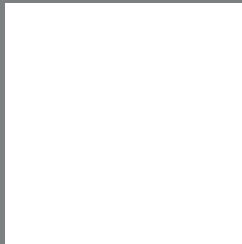
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C8081 Background



This preview shows how black text looks on a background with the Hex color 7C8081.



This preview shows how white text looks on a background with the Hex color 7C8081.

# 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**  
7C8081

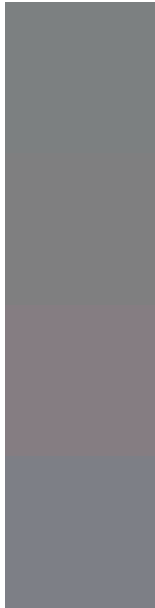
**Protanopia**  
817F80

**Deuteranopia**  
8A7B82



**Tritanopia**  
7D7F89

# Trichromacy



**Original Color**  
7C8081

**Protanomaly**  
7F7F80

**Deuteranomaly**  
857D82

**Tritanomaly**  
7D7F86

# Monochromacy



**Original Color**  
7C8081

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
7E7F80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C8081 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 #7C8081 looks like.

```
.text, #text, p{  
    color:#7C8081  
}
```

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 #7C8081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8081
}
```

## Border

The CSS property to change the border of an element to Hex 7C8081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

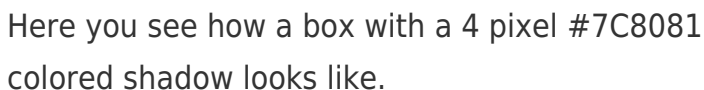
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C8081 }
```

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

```
.border{ border-color:#7C8081 }
```

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



Here you see how a box with a 4 pixel #7C8081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8081; -webkit-box-shadow:4px 4px  
4px 4px #7C8081; box-shadow:4px 4px 4px  
4px #7C8081 }
```

# Background

The CSS property to change the background color of an element to Hex 7C8081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8081 }
```

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

```
.background{ background-color:#7C8081 }
```

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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