

# Converting Colors

Hex(7A8181)

Have a look what the booklet for  
Hex(7A8181) contains.

<b>Hex(7A8181)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(7A8181)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A8181
RGB	122, 129, 129
RGB Percent	48%, 51%, 51%
CMY	0.5216, 0.4941, 0.4941
CMYK	0.05, 0.00, 0.00, 0.49
HSL	180°, 3%, 49%
HSV	180°, 5%, 51%
XYZ	19.8387, 21.4231, 23.8583
YIQ	126.9070, -4.1720, -1.4840

# Conversions

## Conversions Part 2

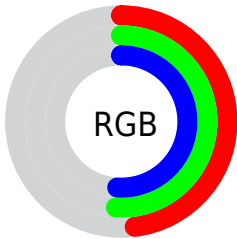
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 126, 129
Decimal	8028545
CIE <sub>Lab</sub>	53.41, -2.58, -0.90
CIE <sub>LCh</sub>	53, 2.738, 199.263
Yxy	21.4231, 0.3046, 0.3290
Android (android.graphics.Color)	4286218625 (0xFF7A8181)
YUV	126.9070, 1.0318, -4.3034
Hunter-Lab	46.2851, -4.4900, 1.8376

# Details

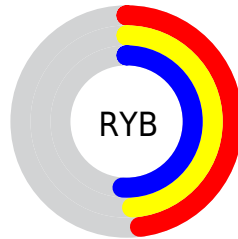
The Hex color **7A8181** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **817A7A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **AEB6B6**, and **495050** is the 20% darker color. If you saturate the color by 10%, you get **6D8181**, and if you desaturate by 10%, it is **878181**.

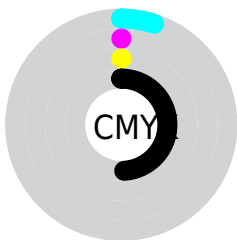
# Distribution



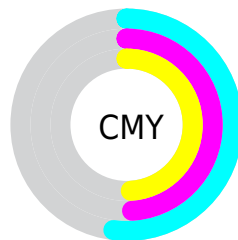
- Red (48%)
- Green (51%)
- Blue (51%)



- Red (48%)
- Yellow (49%)
- Blue (51%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A8181 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 7A8181 by changing the saturation by 10% instead.





7A8181



7A8181

FFFFFF



616868



AEB6B6



495050



CAD1D1



333939



E6EEEE



1E2424



050E0E



000000



7A8181



7A8181



6D8181



878181



608181



948181

■ 538181

■ A18181

■ 468181

■ AE8181

■ 3A8181

■ BB8181

■ 2D8181

■ C78181

■ 208181

■ D48181

■ 138181

■ E18181

■ 068181

■ EE8181

# Harmonies

## Analogous

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



7B817F



7A8181



7A8183

# Triad

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



7A8181



827F83



837F7B

# Complementary

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



7A8181



817A7A

# 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.



847E7C



7A8181



847E80

# Square

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



7A8181



7F7F84



857E7E



80807B

# Rectangle

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



7A8181



7C8084



857E7E



837F7B



# Sweetspot

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



7A8181



A5A8A8



7A817A



525454



D4D4D4



545454



# Same Dimension

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



7A8181



9DA8A8



7A7E81



3B4040



008080



000000



# Inverse Universe

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



817A81



A89DA8



817E7A



403B40



800080



000000



# Previews

## White Background



This preview shows how the Hex color 7A8181 looks on a white background.

## Color Contrast Check

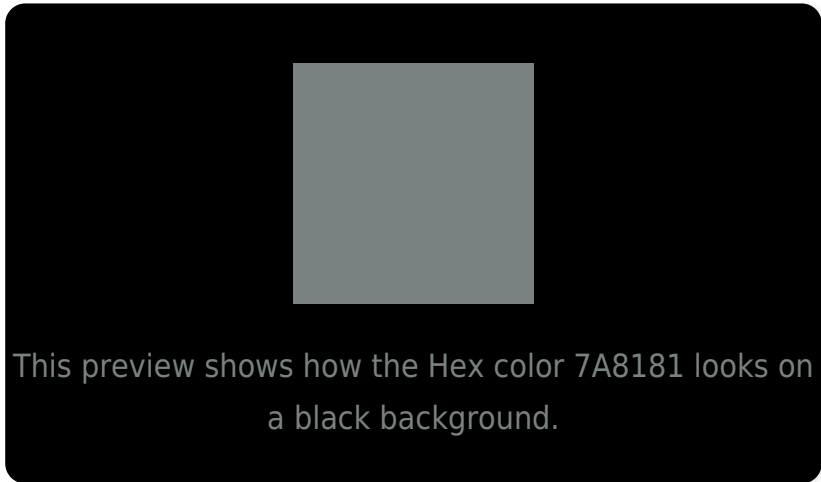
Large Text (above 18pt) WCAG AA ✓ Pass

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

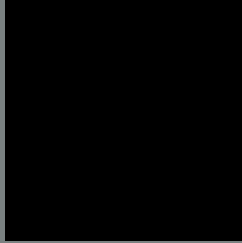
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

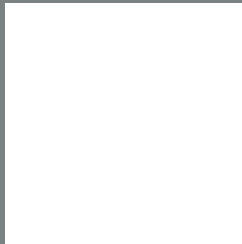
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A8181 Background



This preview shows how black text looks on a background with the Hex color 7A8181.



This preview shows how white text looks on a background with the Hex color 7A8181.

# 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**

7A8181

**Protanopia**

827F80

**Deuteranopia**

8B7B82



**Tritanopia**  
7B808A

# Trichromacy



**Original Color**

7A8181

**Protanomaly**

7F8080

**Deuteranomaly**

857D82

**Tritanomaly**

7B8087

# Monochromacy



**Original Color**

7A8181

**Achromatopsia**

7F7F7F

**Achromatomaly**

7D8080

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A8181 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 #7A8181 looks like.

```
.text, #text, p{  
    color:#7A8181  
}
```

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 #7A8181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8181
}
```

## Border

The CSS property to change the border of an element to Hex 7A8181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

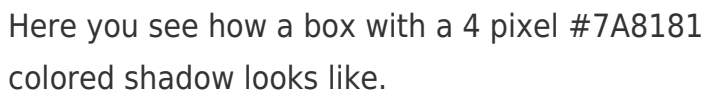
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A8181 }
```

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

```
.border{ border-color:#7A8181 }
```

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



Here you see how a box with a 4 pixel #7A8181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8181; -webkit-box-shadow:4px 4px  
4px 4px #7A8181; box-shadow:4px 4px 4px  
4px #7A8181 }
```

# Background

The CSS property to change the background color of an element to Hex 7A8181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8181 }
```

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

```
.background{ background-color:#7A8181 }
```

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