

# Converting Colors

Hex(7B8787)

Have a look what the booklet for  
Hex(7B8787) contains.

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# Color

Hex(7B8787)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B8787
RGB	123, 135, 135
RGB Percent	48%, 53%, 53%
CMY	0.5176, 0.4706, 0.4706
CMYK	0.09, 0.00, 0.00, 0.47
HSL	180°, 5%, 51%
HSV	180°, 9%, 53%
XYZ	21.2055, 23.2882, 26.2991
YIQ	131.4120, -7.1520, -2.5440

# Conversions

## Conversions Part 2

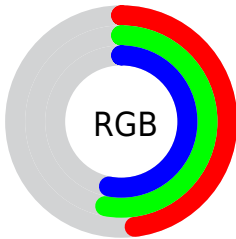
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 129, 135
Decimal	8095623
CIELab	55.37, -4.37, -1.51
CIElCh	55, 4.618, 199.026
Yxy	23.2882, 0.2995, 0.3290
Android (android.graphics.Color)	4286285703 (0xFF7B8787)
YUV	131.4120, 1.7689, -7.3773
Hunter-Lab	48.2578, -6.0144, 1.4692

# Details

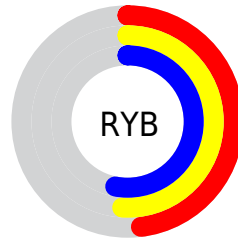
The Hex color **7B8787** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **877B7B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B0BCBC**, and **4A5555** is the 20% darker color. If you saturate the color by 10%, you get **6E8787**, and if you desaturate by 10%, it is **898787**.

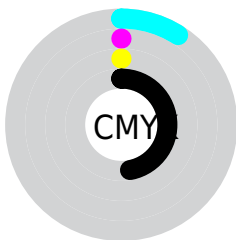
# Distribution



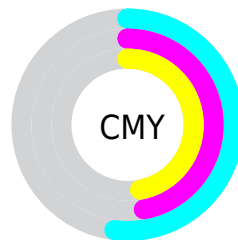
- Red (48%)
- Green (53%)
- Blue (53%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8787 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 7B8787 by changing the saturation by 10% instead.





7B8787



7B8787

FFFFFF



626E6E



B0BCBC



4A5555



CBD8D8



343E3E



E7F4F4



1E2828



061414



000000



7B8787



7B8787



6E8787



898787



608787



968787

■ 538787

■ A38787

■ 458787

■ B18787

■ 388787

■ BF8787

■ 2A8787

■ CC8787

■ 1D8787

■ DA8787

■ 0F8787

■ E78787

■ 028787

■ F58787

# Harmonies

## Analogous

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



7D8783



7B8787



7C868A

# Triad

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



7B8787



88838A



8A847D

# Complementary

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



7B8787



877B7B

# 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.



8D837F



7B8787



8C8286

# Square

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



7B8787



84848C



8E8282



85857D

# Rectangle

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



7B8787



7E868C



8E8282



8B837D



# Sweetspot

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



7B8787



ABB0B0



7B877B



565959



D9D9D9



595959



# Same Dimension

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



7B8787



9DB0B0



7B8187



3C4242



008282



000303



# Inverse Universe

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



877B87



B09DB0



87817B



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 7B8787 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

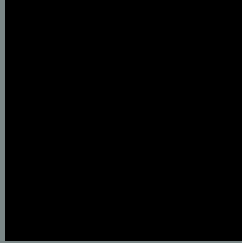
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

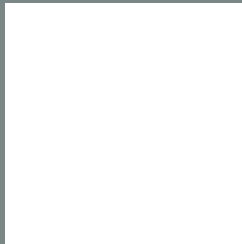
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B8787 Background



This preview shows how black text looks on a background with the Hex color 7B8787.



This preview shows how white text looks on a background with the Hex color 7B8787.

# 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**  
7B8787

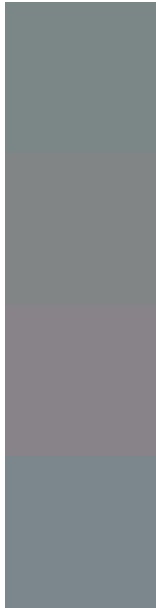
**Protanopia**  
868485

**Deuteranopia**  
8F8088



**Tritanopia**  
7D8690

# Trichromacy



**Original Color**

7B8787

**Protanomaly**

828586

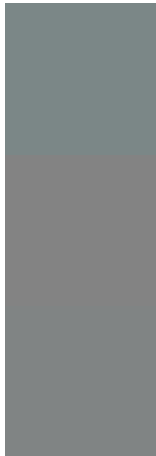
**Deuteranomaly**

888388

**Tritanomaly**

7C868D

# Monochromacy



**Original Color**

7B8787

**Achromatopsia**

838383

**Achromatomaly**

808484

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8787 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 #7B8787 looks like.

```
.text, #text, p{  
    color:#7B8787  
}
```

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 #7B8787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8787
}
```

## Border

The CSS property to change the border of an element to Hex 7B8787 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
#7B8787 }
```

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

```
.border{ border-color:#7B8787 }
```

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

Here you see how a box with a 4 pixel #7B8787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8787; -webkit-box-shadow:4px 4px  
4px 4px #7B8787; box-shadow:4px 4px 4px  
4px #7B8787 }
```

# Background

The CSS property to change the background color of an element to Hex 7B8787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8787 }
```

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

```
.background{ background-color:#7B8787 }
```

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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