

# Converting Colors

Hex(7F7D8C)

Have a look what the booklet for  
Hex(7F7D8C) contains.

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# Color

Hex(7F7D8C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F7D8C
RGB	127, 125, 140
RGB Percent	50%, 49%, 55%
CMY	0.5020, 0.5098, 0.4510
CMYK	0.09, 0.11, 0.00, 0.45
HSL	248°, 6%, 52%
HSV	248°, 11%, 55%
XYZ	20.8196, 21.0727, 27.7811
YIQ	127.3080, -3.6230, 5.0890

# Conversions

## Conversions Part 2

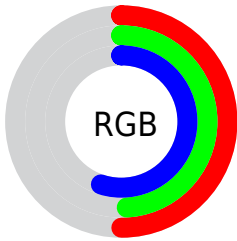
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 125, 140</a>
Decimal	<a href="#">8355212</a>
CIELab	<a href="#">53.03, 3.86, -7.84</a>
CIElCh	<a href="#">53, 8.737, 296.255</a>
Yxy	<a href="#">21.0727, 0.2988, 0.3024</a>
Android (android.graphics.Color)	<a href="#">4286545292</a> ( <a href="#">0xFF7F7D8C</a> )
YUV	<a href="#">127.3080, 6.2572, -0.2701</a>
Hunter-Lab	<a href="#">45.9050, 0.6226, -3.7480</a>

# Details

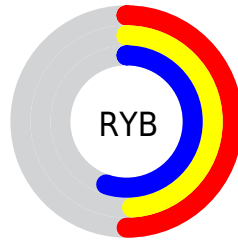
The Hex color **7F7D8C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8A8C7D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B4B2C2**, and **4E4C5A** is the 20% darker color. If you saturate the color by 10%, you get **736F8C**, and if you desaturate by 10%, it is **8B8B8C**.

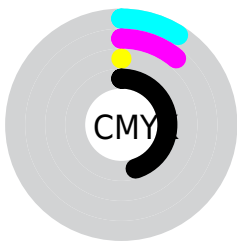
# Distribution



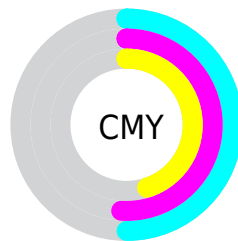
- Red (50%)
- Green (49%)
- Blue (55%)



- Red (50%)
- Yellow (49%)
- Blue (55%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (51%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F7D8C 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 7F7D8C by changing the saturation by 10% instead.



■ 7F7D8C

■ 7F7D8C

FFFFFF

■ 666473

■ B4B2C2

■ 4E4C5A

■ CFCDDD

■ 373643

■ ECE9FA

■ 22202C

■ 0C0918

■ 000000

■ 7F7D8C

■ 7F7D8C

■ 736F8C

■ 8B8B8C

■ 67618C

■ 97998C

■ 5B538C

■ A3A78C

■ 4E458C

■ B0B58C

■ 42378C

■ BCC38C

■ 36298C

■ C8D18C

■ 2A1B8C

■ D4DF8C

■ 1E0D8C

■ E0ED8C

■ 13008C

■ ECFB8C

# Harmonies

## Analogous

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



76808D



7F7D8C



887B87

# Triad

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



7F7D8C



8C7B72



6E837D

# Complementary

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



7F7D8C



8A8C7D

# 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.



758276



7F7D8C



867E70

# Square

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



7F7D8C



8F7A78



7E8071



6C8385

# Rectangle

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



7F7D8C



8C7A82



7E8071



70837B



# Sweetspot

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



7F7D8C



B0B0B5



7D8A8C



59585C



DBDBDB



5C5C5C



# Same Dimension

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



7F7D8C



A19EB5



877D8C



3F3E45



120085



010005



# Inverse Universe

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



8C7D8A



B59EB2



838C7D



453E44



850073



050004



# Previews

## White Background



This preview shows how the Hex color 7F7D8C looks on a white background.

## Color Contrast Check

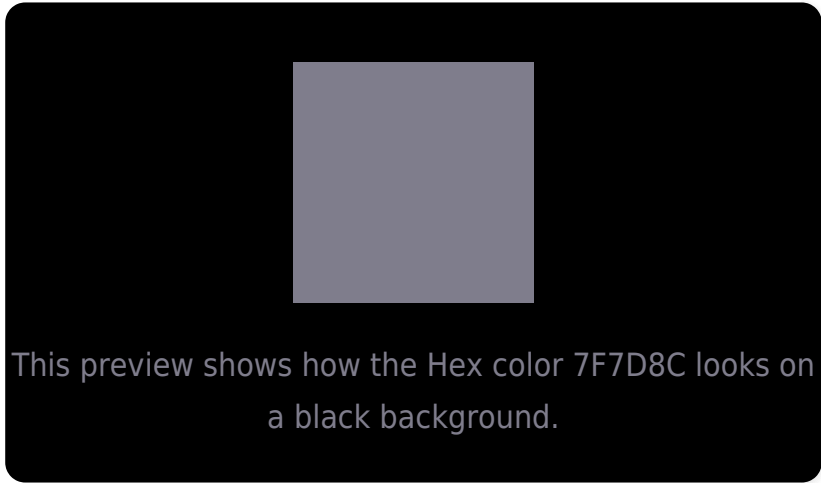
Large Text (above 18pt) WCAG AA ✓ Pass

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

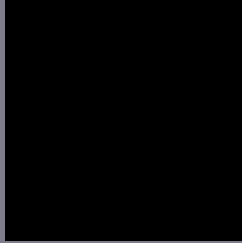
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

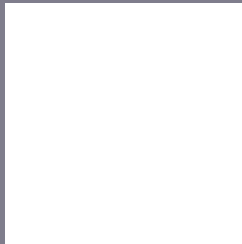
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F7D8C Background



This preview shows how black text looks on a background with the Hex color 7F7D8C.



This preview shows how white text looks on a background with the Hex color 7F7D8C.

# 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**

7F7D8C

**Protanopia**

7D7E8C

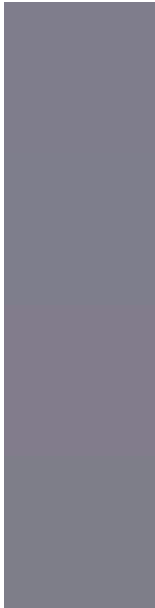
**Deuteranopia**

847B8C



**Tritanopia**  
7E7E88

# Trichromacy



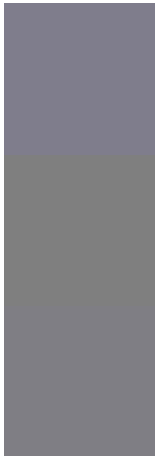
**Original Color**  
7F7D8C

**Protanomaly**  
7E7E8C

**Deuteranomaly**  
827C8C

**Tritanomaly**  
7E7E89

# Monochromacy



**Original Color**  
7F7D8C

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
7F7E84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F7D8C 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 #7F7D8C looks like.

```
.text, #text, p{  
    color:#7F7D8C  
}
```

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 #7F7D8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F7D8C
}
```

## Border

The CSS property to change the border of an element to Hex 7F7D8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

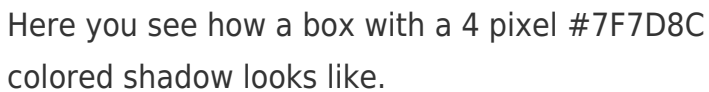
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F7D8C }
```

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

```
.border{ border-color:#7F7D8C }
```

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



Here you see how a box with a 4 pixel #7F7D8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F7D8C; -webkit-box-shadow:4px 4px  
4px 4px #7F7D8C; box-shadow:4px 4px 4px  
4px #7F7D8C }
```

# Background

The CSS property to change the background color of an element to Hex 7F7D8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F7D8C }
```

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

```
.background{ background-color:#7F7D8C }
```

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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