

# Converting Colors

Hex(7D7982)

Have a look what the booklet for  
Hex(7D7982) contains.

<b>Hex(7D7982)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7D7982)

# Conversions

## Conversions Part 1

Format	Color
Hex	7D7982
RGB	125, 121, 130
RGB Percent	49%, 47%, 51%
CMY	0.5098, 0.5255, 0.4902
CMYK	0.04, 0.07, 0.00, 0.49
HSL	267°, 4%, 49%
HSV	267°, 7%, 51%
XYZ	19.3241, 19.6464, 23.8927
YIQ	123.2220, -0.5050, 3.6470

# Conversions

## Conversions Part 2

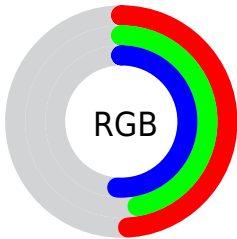
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 121, 130
Decimal	8223106
CIELab	51.44, 3.34, -4.37
CIELCh	51, 5.495, 307.403
Yxy	19.6464, 0.3074, 0.3125
Android (android.graphics.Color)	4286413186 (0xFF7D7982)
YUV	123.2220, 3.3416, 1.5593
Hunter-Lab	44.3243, 0.2532, -0.9329

# Details

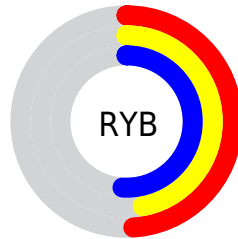
The Hex color **7D7982** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E8279**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B2ADB7**, and **4C4951** is the 20% darker color. If you saturate the color by 10%, you get **766C82**, and if you desaturate by 10%, it is **848682**.

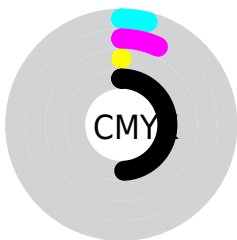
# Distribution



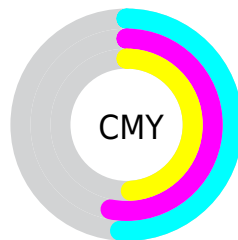
- Red (49%)
- Green (47%)
- Blue (51%)



- Red (49%)
- Yellow (47%)
- Blue (51%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (53%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D7982 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 7D7982 by changing the saturation by 10% instead.



■ 7D7982

■ 7D7982

FFFFFF

■ 646069

■ B2ADB7

■ 4C4951

■ CDC9D2

■ 35323A

■ E9E5EF

■ 201D24

■ 09030F

■ 000000

■ 7D7982

■ 7D7982

■ 766C82

■ 848682

■ 6F5F82

■ 8B9382

675282

93A082

604582

9AAD82

593882

A1BA82

522B82

A8C782

4A1E82

B0D482

431182

B7E182

3C0482

BEEE82

# Harmonies

## Analogous

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



777B84



7D7982



82787E

# Triad

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



7D7982



827972



707D7C

# Complementary

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



7D7982



7E8279

# 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.



737D77



7D7982



7D7B71

# Square

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



7D7982



857875



787C73



6F7D80

# Rectangle

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



7D7982



84777B



787C73



707D7A



# Sweetspot

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



7D7982



A6A5A8



797E82



535254



D4D4D4



545454



# Same Dimension

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



7D7982



A19BA8



817982



3C3940



390080



000000



# Inverse Universe

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



82797E



A89BA2



7A8279



40393D



800047



000000



# Previews

## White Background



This preview shows how the Hex color 7D7982 looks on a white background.

## Color Contrast Check

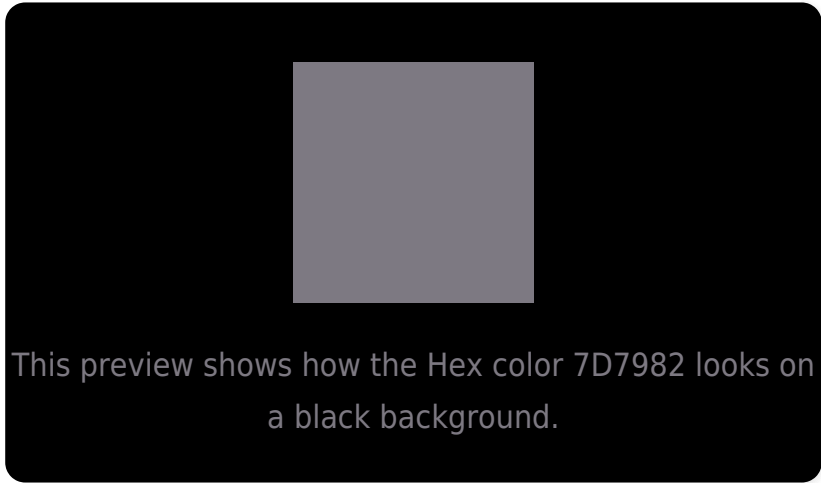
Large Text (above 18pt) WCAG AA ✓ Pass

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

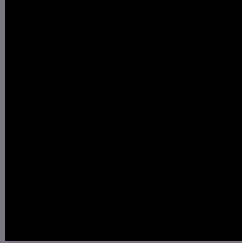
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

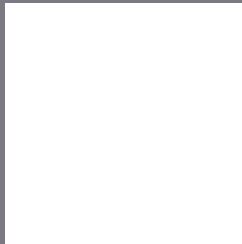
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7D7982 Background



This preview shows how black text looks on a background with the Hex color 7D7982.



This preview shows how white text looks on a background with the Hex color 7D7982.

# 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**  
7D7982

**Protanopia**  
7A7A82

**Deuteranopia**  
837782



**Tritanopia**  
7D7982

# Trichromacy



**Original Color**  
7D7982

**Protanomaly**  
7B7A82

**Deuteranomaly**  
817882

**Tritanomaly**  
7D7982

# Monochromacy



**Original Color**  
7D7982

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7C7A7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D7982 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 #7D7982 looks like.

```
.text, #text, p{  
    color:#7D7982  
}
```

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 #7D7982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7982
}
```

## Border

The CSS property to change the border of an element to Hex 7D7982 is called "border". The border property can be set on classes, ids or directly on the HTML element.

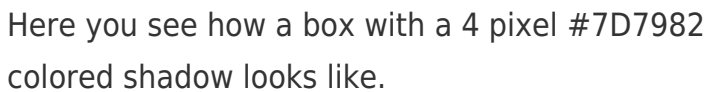
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D7982 }
```

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

```
.border{ border-color:#7D7982 }
```

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



Here you see how a box with a 4 pixel #7D7982 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7982; -webkit-box-shadow:4px 4px  
4px 4px #7D7982; box-shadow:4px 4px 4px  
4px #7D7982 }
```

# Background

The CSS property to change the background color of an element to Hex 7D7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7982 }
```

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

```
.background{ background-color:#7D7982 }
```

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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