

# Converting Colors

Hex(777C7D)

Have a look what the booklet for  
Hex(777C7D) contains.

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# Color

Hex(777C7D)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 777C7D                     |
| RGB           | 119, 124, 125              |
| RGB Percent   | 47%, 49%, 49%              |
| CMY           | 0.5333, 0.5137, 0.5098     |
| CMYK          | 0.05, 0.01, 0.00, 0.51     |
| HSL           | 190°, 2%, 48%              |
| HSV           | 190°, 5%, 49%              |
| XYZ           | 18.5171, 19.8179, 22.2513  |
| YIQ           | 122.6190, -3.3010, -0.7490 |

# Conversions

## Conversions Part 2

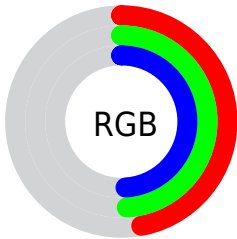
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 119, 122, 125                |
| Decimal                             | 7830653                      |
| CIELab                              | 51.63, -1.66, -1.20          |
| CIElCh                              | 52, 2.045, 215.919           |
| Yxy                                 | 19.8179, 0.3056,<br>0.3271   |
| Android<br>(android.graphics.Color) | 4286020733<br>(0xFF777C7D)   |
| YUV                                 | 122.6190, 1.1738,<br>-3.1739 |
| Hunter-Lab                          | 44.5173, -3.6578,<br>1.5269  |

# Details

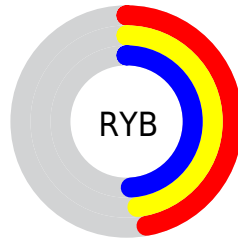
The Hex color **777C7D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D7877**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ABB0B2**, and **474B4C** is the 20% darker color. If you saturate the color by 10%, you get **6B7A7D**, and if you desaturate by 10%, it is **847E7D**.

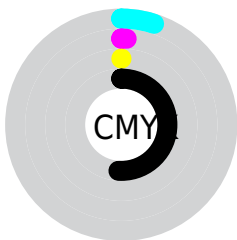
# Distribution



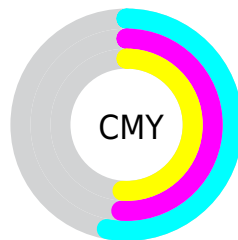
- Red (47%)
- Green (49%)
- Blue (49%)



- Red (47%)
- Yellow (48%)
- Blue (49%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (51%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 777C7D 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 777C7D by changing the saturation by 10% instead.





777C7D



777C7D

FFFFFF



5E6364



ABB0B2



474B4C



C6CCCD



303536



E2E8E9



1B2020



000709



000000



777C7D



777C7D



6B7A7D



847E7D



5E787D



90807D

■ 52767D

■ 9C827D

■ 45747D

■ A9847D

■ 39727D

■ B5867D

■ 2C707D

■ C2887D

■ 1F6D7D

■ CF8B7D

■ 136B7D

■ DB8D7D

■ 07697D

■ E78F7D

# Harmonies

## Analogous

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



777C7B



777C7D



787C7E

# Triad

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



777C7D



7E7A7C



7C7B78

# Complementary

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



77C7D



7D877

# 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.



7E7A78



777C7D



7F7A7B

# Square

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



777C7D



7C7A7E



7F7A79



7A7C78

# Rectangle

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



777C7D



797B7E



7F7A79



7D7B78



# Sweetspot

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



777C7D



A2A3A3



777D78



515152



D1D1D1



525252



# Same Dimension

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



777C7D



99A2A3



77797D



3B3F40



006A80



000000



# Inverse Universe

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



7D777C



A399A2



7D7B77



403B3F



80006A



000000



# Previews

## White Background



This preview shows how the Hex color 777C7D looks on a white background.

## Color Contrast Check

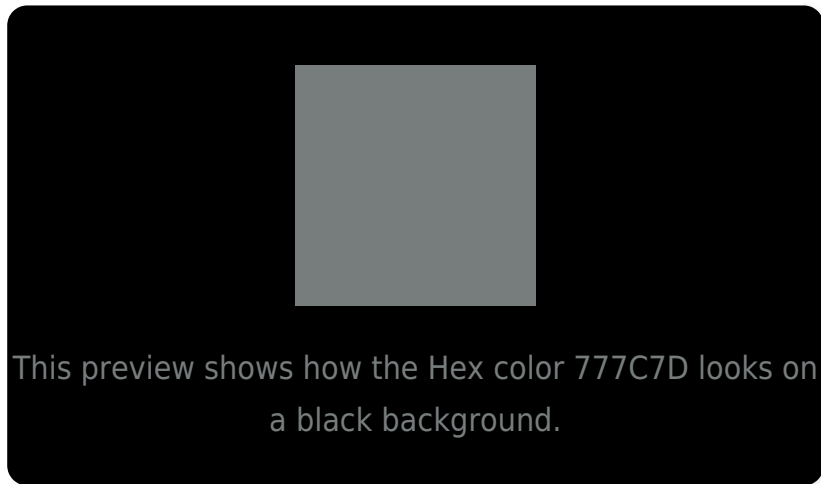
Large Text (above 18pt) WCAG AA ✓ Pass

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

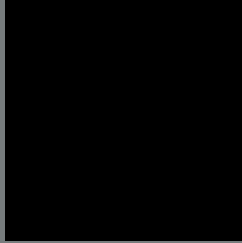
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

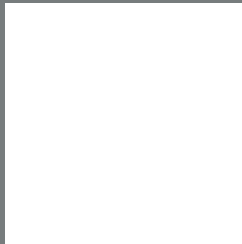
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 777C7D Background



This preview shows how black text looks on a background with the Hex color 777C7D.



This preview shows how white text looks on a background with the Hex color 777C7D.

# 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**  
777C7D

**Protanopia**  
7D7A7C

**Deuteranopia**  
85777E



**Tritanopia**  
787B85

# Trichromacy



**Original Color**

77C7D

**Protanomaly**

7B7B7C

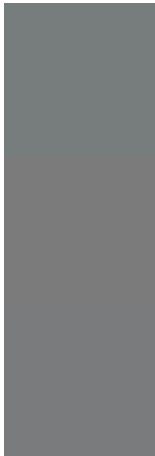
**Deuteranomaly**

80797E

**Tritanomaly**

787B82

# Monochromacy



**Original Color**

77C7D

**Achromatopsia**

7B7B7B

**Achromatomaly**

7A7B7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 777C7D 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 #777C7D looks like.

```
.text, #text, p{  
    color:#777C7D  
}
```

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 #777C7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777C7D
}
```

## Border

The CSS property to change the border of an element to Hex 777C7D 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
#777C7D }
```

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

```
.border{ border-color:#777C7D }
```

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

Here you see how a box with a 4 pixel #777C7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777C7D; -webkit-box-shadow:4px 4px  
4px 4px #777C7D; box-shadow:4px 4px 4px  
4px #777C7D }
```

# Background

The CSS property to change the background color of an element to Hex 777C7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777C7D }
```

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

```
.background{ background-color:#777C7D }
```

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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