

# Converting Colors

Hex(777980)

Have a look what the booklet for  
Hex(777980) contains.

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# Color

**Hex(777980)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	777980
RGB	119, 121, 128
RGB Percent	47%, 47%, 50%
CMY	0.5333, 0.5255, 0.4980
CMYK	0.07, 0.05, 0.00, 0.50
HSL	227°, 4%, 48%
HSV	227°, 7%, 50%
XYZ	18.3414, 19.1552, 23.1527
YIQ	121.2000, -3.4390, 1.7530

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 121, 128
Decimal	7829888
CIELab	50.87, 0.71, -4.08
CIELCh	51, 4.145, 279.868
Yxy	19.1552, 0.3024, 0.3158
Android (android.graphics.Color)	4286019968 (0xFF777980)
YUV	121.2000, 3.3524, -1.9294
Hunter-Lab	43.7666, -1.7872, -0.7280

# Details

The Hex color **777980** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807E77**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ABADB5**, and **47494F** is the 20% darker color. If you saturate the color by 10%, you get **6A6F80**, and if you desaturate by 10%, it is **848380**.

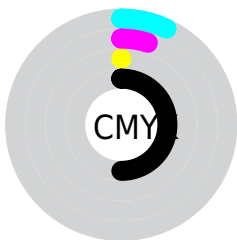
# Distribution



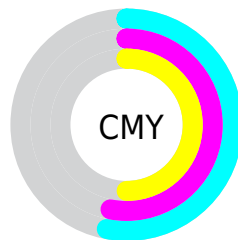
- Red (47%)
- Green (47%)
- Blue (50%)



- Red (47%)
- Yellow (47%)
- Blue (50%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (53%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 777980 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 777980 by changing the saturation by 10% instead.



■ 777980

■ 777980

FFFFFF

■ 5E6067

■ ABADB5

■ 47494F

■ C6C9D0

■ 303238

■ E2E5ED

■ 1B1D23

■ 00030D

■ 000000

■ 777980

■ 777980

■ 6A6F80

■ 848380

■ 5D6580

■ 918D80

■ 515B80

■ 9D9780

■ 445180

■ AAA180

■ 374780

■ B7AB80

■ 2A3D80

■ C4B580

■ 1D3380

■ D1BF80

■ 112980

■ DDC980

■ 041F80

■ EAD380

# Harmonies

## Analogous

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



737A80



777980



7B787F

# Triad

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



777980



817775



737B77

# Complementary

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



777980



807E77

# 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.



777A74



777980



7F7873

# Square

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



777980



817778



7B7972



717B7A

# Rectangle

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



777980



7E777D



7B7972



747B75



# Sweetspot

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



777980



A2A3A6



77807E



525354



D4D4D4



545454



# Same Dimension

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



777980



989BA6



797780



393B40



001C80



000000



# Inverse Universe

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



807779



A6989B



7E8077



40393B



80001C



000000



# Previews

## White Background



This preview shows how the Hex color 777980 looks on a white background.

## Color Contrast Check

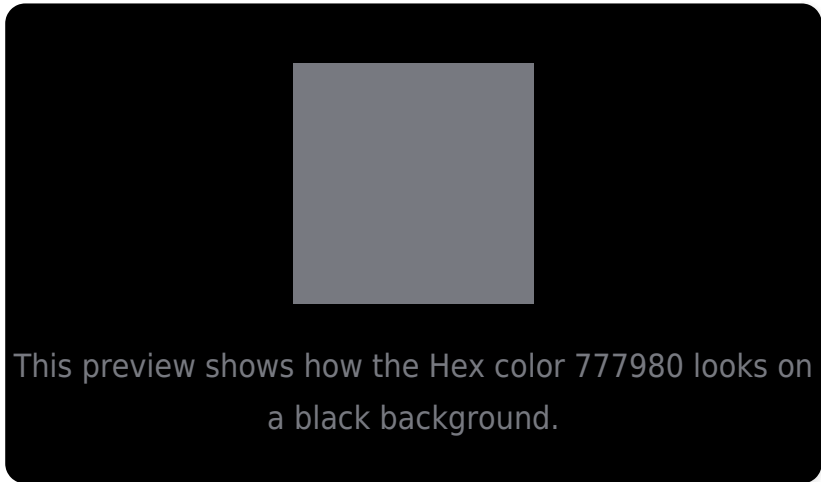
Large Text (above 18pt) WCAG AA ✓ Pass

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

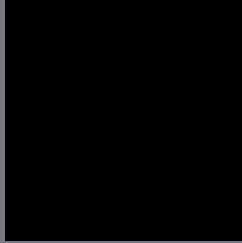
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

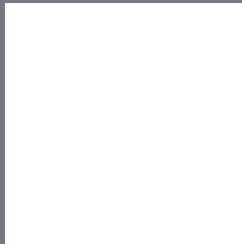
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 777980 Background



This preview shows how black text looks on a background with the Hex color 777980.



This preview shows how white text looks on a background with the Hex color 777980.

# 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**

777980

**Protanopia**

797880

**Deuteranopia**

817681



**Tritanopia**  
777982

# Trichromacy



**Original Color**

777980

**Protanomaly**

787880

**Deuteranomaly**

7D7781

**Tritanomaly**

777981

# Monochromacy



**Original Color**

777980

**Achromatopsia**

797979

**Achromatomaly**

78797C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 777980 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 #777980 looks like.

```
.text, #text, p{  
    color:#777980  
}
```

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 #777980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777980  
}
```

## Border

The CSS property to change the border of an element to Hex 777980 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  
#777980 }
```

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

```
.border{ border-color:#777980 }
```

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

Here you see how a box with a 4 pixel #777980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777980; -webkit-box-shadow:4px 4px  
4px 4px #777980; box-shadow:4px 4px 4px  
4px #777980 }
```

# Background

The CSS property to change the background color of an element to Hex 777980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777980 }
```

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

```
.background{ background-color:#777980 }
```

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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