

# Converting Colors

Hex(777979)

Have a look what the booklet for  
Hex(777979) contains.

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# Color

**Hex(777979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	777979
RGB	119, 121, 121
RGB Percent	47%, 47%, 47%
CMY	0.5333, 0.5255, 0.5255
CMYK	0.02, 0.00, 0.00, 0.53
HSL	180°, 1%, 47%
HSV	180°, 2%, 47%
XYZ	17.8963, 18.9772, 20.8089
YIQ	120.4020, -1.1920, -0.4240

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 120, 121
Decimal	7829881
CIE Lab	50.66, -0.75, -0.27
CIE LCh	51, 0.797, 199.796
Yxy	18.9772, 0.3103, 0.3290
Android (android.graphics.Color)	4286019961 (0xFF777979)
YUV	120.4020, 0.2948, -1.2296
Hunter-Lab	43.5628, -2.9041, 2.1726

# Details

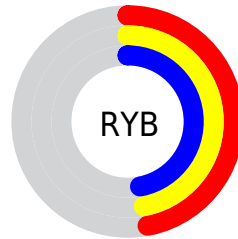
The Hex color **777979** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **797777**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **ABADAD**, and **474949** is the 20% darker color. If you saturate the color by 10%, you get **6B7979**, and if you desaturate by 10%, it is **837979**.

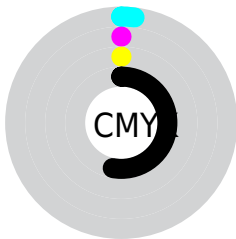
# Distribution



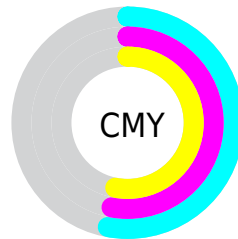
- Red (47%)
- Green (47%)
- Blue (47%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 777979 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 777979 by changing the saturation by 10% instead.





777979



777979

FFFFFF



5E6060



ABADAD



474949



C6C9C9



303232



E2E5E5



1C1D1D



000303



000000



777979



777979



6B7979



837979



5F7979



8F7979

■ 537979

■ 9B7979

■ 477979

■ A77979

■ 3B7979

■ B37979

■ 2E7979

■ C07979

■ 227979

■ CC7979

■ 167979

■ D87979

■ 0A7979

■ E47979

# Harmonies

## Analogous

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



777978



777979



77797A

# Triad

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



777979



797879



797877

# Complementary

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



777979



797777

# 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.



7A7878



777979



7A7879

# Square

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



777979



78787A



7A7878



797977

# Rectangle

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



777979



77797A



7A7878



7A7877



# Sweetspot

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



777979



9E9E9E



777977



4F4F4F



CFCFCF

# Same Dimension

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



777979



9B9E9E



777879



3C3D3D



007D7D



00FCFC



# Inverse Universe

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



797779



9E9B9E



797877



3D3C3D



7D007D



FC00FC



# Previews

## White Background



This preview shows how the Hex color 777979 looks on a white background.

## Color Contrast Check

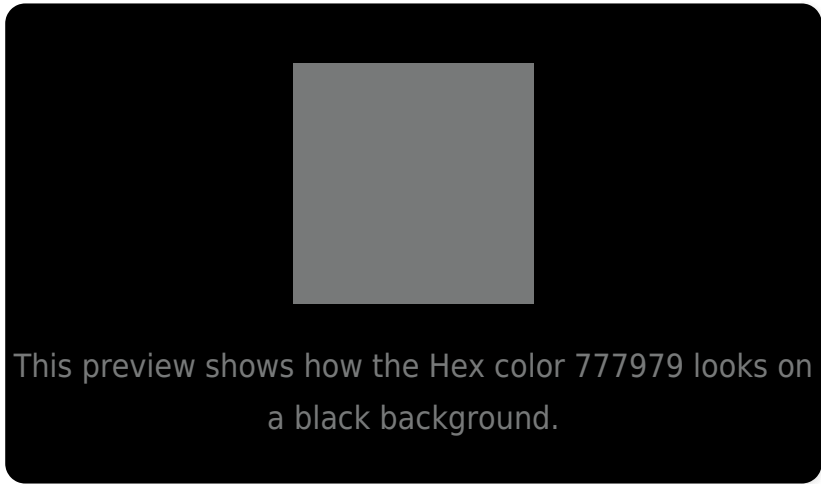
Large Text (above 18pt) WCAG AA ✓ Pass

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

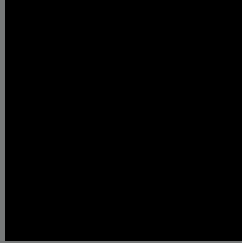
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

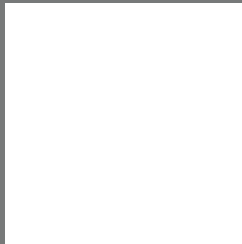
Any Text WCAG AAA × Fail

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

## Hex 777979 Background



This preview shows how black text looks on a background with the Hex color 777979.



This preview shows how white text looks on a background with the Hex color 777979.



# 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**

777979

**Protanopia**

7B7878

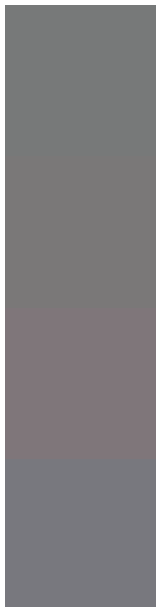
**Deuteranopia**

83757A



**Tritanopia**  
787881

# Trichromacy



**Original Color**

777979

**Protanomaly**

7A7878

**Deuteranomaly**

7F767A

**Tritanomaly**

78787E

# Monochromacy



**Original Color**

777979

**Achromatopsia**

787878

**Achromatomaly**

787878

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 777979 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 #777979 looks like.

```
.text, #text, p{  
    color:#777979  
}
```

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 #777979 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #777979
}
```

## Border

The CSS property to change the border of an element to Hex 777979 is called "border". The border property can be set on classes, ids or directly on the HTML element.

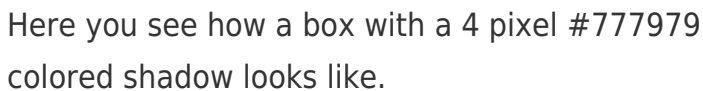
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#777979 }
```

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

```
.border{ border-color:#777979 }
```

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



Here you see how a box with a 4 pixel #777979 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #777979; -webkit-box-shadow:4px 4px  
4px 4px #777979; box-shadow:4px 4px 4px  
4px #777979 }
```

# Background

The CSS property to change the background color of an element to Hex 777979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#777979 }
```

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

```
.background{ background-color:#777979 }
```

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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