

# Converting Colors

Hex(77829C)

Have a look what the booklet for  
Hex(77829C) contains.

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# Color

Hex(77829C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77829C
RGB	119, 130, 156
RGB Percent	47%, 51%, 61%
CMY	0.5333, 0.4902, 0.3882
CMYK	0.24, 0.17, 0.00, 0.39
HSL	222°, 16%, 54%
HSV	222°, 24%, 61%
XYZ	21.5911, 22.2875, 34.6164
YIQ	129.6750, -14.9020, 5.7540

# Conversions

## Conversions Part 2

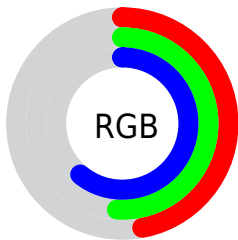
Format	Color
R <sub>Y</sub> B	119, 127, 156
Decimal	7832220
CIE <sub>Lab</sub>	54.33, 1.93, -15.24
CIE <sub>LCh</sub>	54, 15.364, 277.223
Yxy	22.2875, 0.2751, 0.2839
Android (android.graphics.Color)	4286022300 (0xFF77829C)
YUV	129.6750, 12.9782, -9.3620
Hunter-Lab	47.2096, -0.9806, -10.4276

# Details

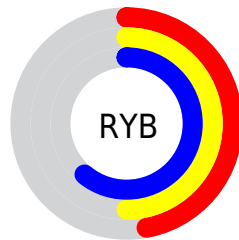
The Hex color **77829C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9C9177**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ACB7D3**, and **465169** is the 20% darker color. If you saturate the color by 10%, you get **67779C**, and if you desaturate by 10%, it is **878D9C**.

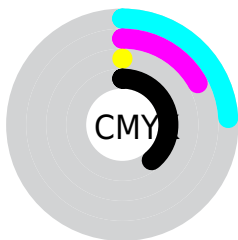
# Distribution



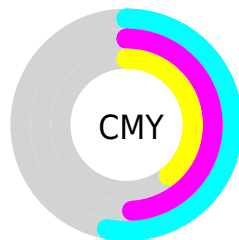
- Red (47%)
- Green (51%)
- Blue (61%)



- Red (47%)
- Yellow (50%)
- Blue (61%)



- Cyan (24%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (49%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77829C 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 77829C by changing the saturation by 10% instead.



■ 77829C

■ 77829C

FFFFFF

■ 5E6982

■ ACB7D3

■ 465169

■ C7D2EF

■ 2E3A51

■ E3EFFF

■ 18253A

■ 010F24

■ 00010D

■ 000000

■ 77829C

■ 77829C

■ 67779C

■ 878D9C

■ 586C9C

■ 96989C

■ 48619C

■ A6A39C

■ 39569C

■ B5AE9C

■ 294B9C

■ C5B99C

■ 19409C

■ D5C49C

■ 0A359C

■ E4CF9C

■ 002E9C

■ F4DA9C

■ FFE59C

# Harmonies

## Analogous

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



67869A



77829C



887D97

# Triad

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



77829C



9D7A72



6B8977

# Complementary

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



77829C



9C9177

# 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.



7A866D



77829C



957E6A

# Square

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



77829C



9D797F



898268



618A85

# Rectangle

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



77829C



927B90



898268



708873



# Sweetspot

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



77829C



BEC2CC



779C91



5E6066



E6E6E6



666666



# Same Dimension

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



77829C



93A4CC



7E779C



47494F



002A8F



00050F



# Inverse Universe

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



9C7782



CC93A4



959C77



4F4749



8F002A

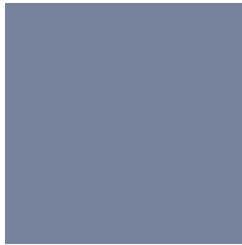


0F0005



# Previews

## White Background



This preview shows how the Hex color 77829C looks on a white background.

## Color Contrast Check

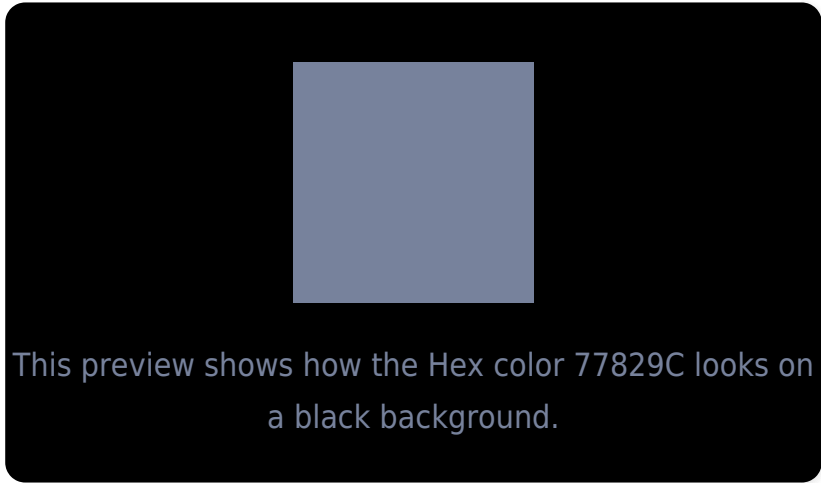
Large Text (above 18pt) WCAG AA ✓ Pass

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

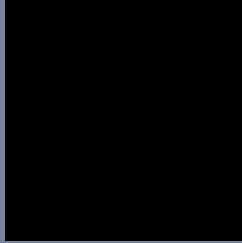
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

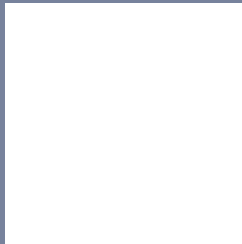
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77829C Background



This preview shows how black text looks on a background with the Hex color 77829C.



This preview shows how white text looks on a background with the Hex color 77829C.

# 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**  
77829C

**Protanopia**  
7C819B

**Deuteranopia**  
817F9D



**Tritanopia**  
74848F

# Trichromacy



**Original Color**  
77829C

**Protanomaly**  
7A819B

**Deuteranomaly**  
7D809D

**Tritanomaly**  
758394

# Monochromacy



**Original Color**  
77829C

**Achromatopsia**  
828282

**Achromatomaly**  
7E828B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77829C 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 #77829C looks like.

```
.text, #text, p{  
    color:#77829C  
}
```

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 #77829C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77829C  
}
```

## Border

The CSS property to change the border of an element to Hex 77829C 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  
#77829C }
```

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

```
.border{ border-color:#77829C }
```

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

Here you see how a box with a 4 pixel #77829C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77829C; -webkit-box-shadow:4px 4px  
4px 4px #77829C; box-shadow:4px 4px 4px  
4px #77829C }
```

# Background

The CSS property to change the background color of an element to Hex 77829C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77829C }
```

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

```
.background{ background-color:#77829C }
```

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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