

Converting Colors

Hex(77969C)

Have a look what the booklet for
Hex(77969C) contains.

Hex(77969C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77969C)

Conversions

Conversions Part 1

Format	Color
Hex	77969C
RGB	119, 150, 156
RGB Percent	47%, 59%, 61%
CMY	0.5333, 0.4118, 0.3882
CMYK	0.24, 0.04, 0.00, 0.39
HSL	190°, 16%, 54%
HSV	190°, 24%, 61%
XYZ	24.5148, 28.1349, 35.5910
YIQ	141.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

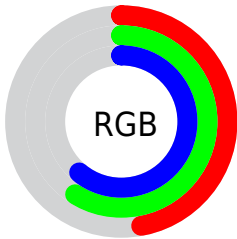
Format	Color
R_{YB}	119, 136, 156
Decimal	7837340
CIE _{Lab}	60.01, -9.36, -6.72
CIE _{LCh}	60, 11.520, 215.675
Yxy	28.1349, 0.2778, 0.3188
Android (android.graphics.Color)	4286027420 (0xFF77969C)
YUV	141.4150, 7.1904, -19.6580
Hunter-Lab	53.0424, -10.3260, -2.6535

Details

The Hex color **77969C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C7D77**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **ACCCD2**, and **456369** is the 20% darker color. If you saturate the color by 10%, you get **67939C**, and if you desaturate by 10%, it is **87999C**.

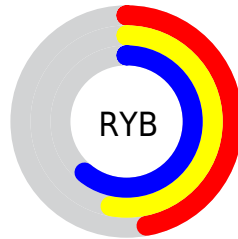
Distribution



Red (47%)

Green (59%)

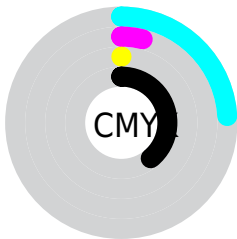
Blue (61%)



Red (47%)

Yellow (53%)

Blue (61%)

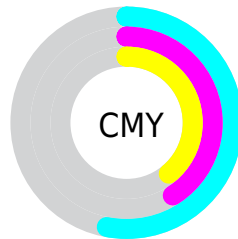


Cyan (24%)

Magenta (4%)

Yellow (0%)

Black (39%)



Cyan (53%)

Magenta (41%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77969C 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 77969C by changing the saturation by 10% instead.

■ 77969C

■ 77969C

FFFFFF

■ 5E7C82

■ ACCCD2

■ 456369

■ C8E8EF

■ 2E4B51

■ E4FFFF

■ 17353A

■ 001F24

■ 00010F

■ 000000

■ 77969C

■ 77969C

■ 67939C

■ 87999C

■ 58919C

■ 969B9C

■ 488E9C

■ A69E9C

■ 398C9C

■ B5A09C

■ 29899C

■ C5A39C

■ 19879C

■ D5A59C

■ 0A849C

■ E4A89C

■ 00839C

■ F4AA9C

■ FFAD9C

Harmonies

Analogous

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



799792



77969C



7D94A3

Triad

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



77969C



A08B99



97907D

Complementary

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



77969C



9C7D77

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.



A08D7E



77969C



A68A8F

Square

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



77969C



958DA1



A68B85



8B9480

Rectangle

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



77969C



8492A5



A68B85



9A8F7D

Sweetspot

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



77969C



BECACC



779C7D



5E6566



E6E6E6



666666

Same Dimension

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



77969C



93C3CC



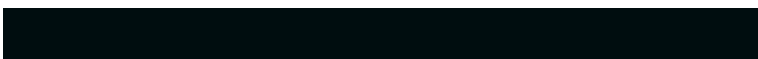
77849C



474E4F



00788F



000D0F

Inverse Universe

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



9C7796



CC93C3



9C8F77



4F474E



8F0078



0F000D

Previews

White Background



This preview shows how the Hex color 77969C looks on a white background.

Color Contrast Check

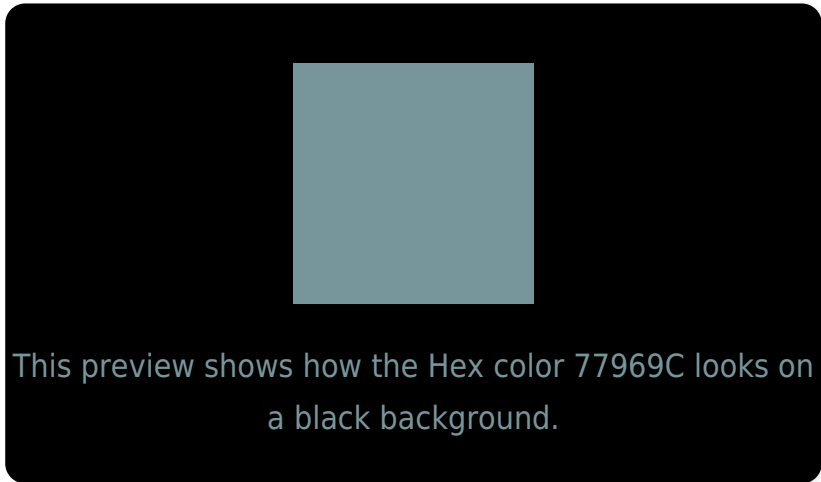
Large Text (above 18pt) WCAG AA ✓ Pass

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

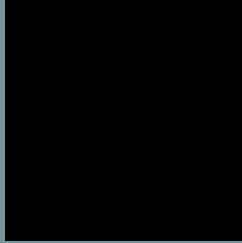
Any Text WCAG AA ✓ Pass

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 77969C Background



This preview shows how black text looks on a background with the Hex color 77969C.

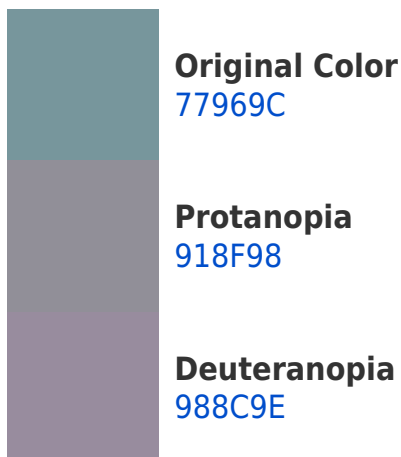


This preview shows how white text looks on a background with the Hex color 77969C.

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](#).

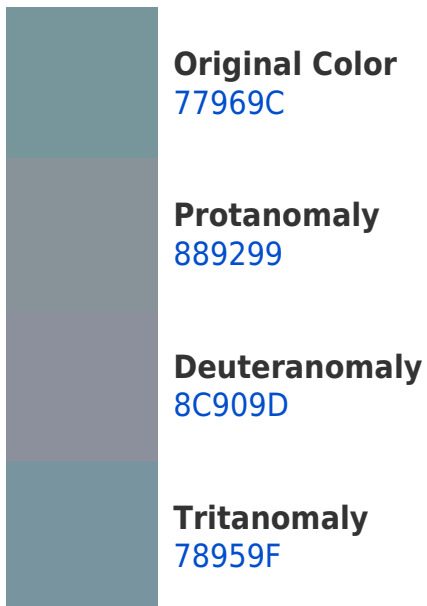
Dichromacy





Tritanopia
7895A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77969C 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 #77969C looks like.

```
.text, #text, p{  
    color:#77969C  
}
```

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 #77969C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77969C
}
```

Border

The CSS property to change the border of an element to Hex 77969C 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
#77969C }
```

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

```
.border{ border-color:#77969C }
```

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

Here you see how a box with a 4 pixel #77969C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77969C; -webkit-box-shadow:4px 4px  
4px 4px #77969C; box-shadow:4px 4px 4px  
4px #77969C }
```

Background

The CSS property to change the background color of an element to Hex 77969C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77969C }
```

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

```
.background{ background-color:#77969C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor