

# Converting Colors

Hex(70989B)

Have a look what the booklet for  
Hex(70989B) contains.

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# Color

**Hex(70989B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70989B
RGB	112, 152, 155
RGB Percent	44%, 60%, 61%
CMY	0.5608, 0.4039, 0.3922
CMYK	0.28, 0.02, 0.00, 0.39
HSL	184°, 18%, 52%
HSV	184°, 28%, 61%
XYZ	23.8267, 28.2678, 35.2108
YIQ	140.3820, -24.8030, -7.5470

# Conversions

## Conversions Part 2

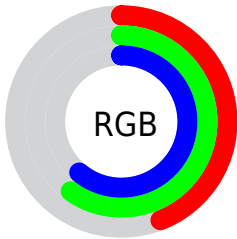
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 133, 155
Decimal	7379099
CIELab	60.13, -12.88, -6.02
CIELCh	60, 14.216, 205.052
Yxy	28.2678, 0.2729, 0.3238
Android (android.graphics.Color)	4285569179 (0xFF70989B)
YUV	140.3820, 7.2067, -24.8910
Hunter-Lab	53.1674, -13.0492, -2.0483

# Details

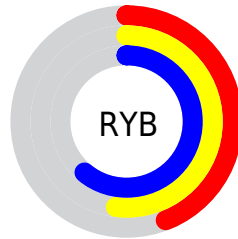
The Hex color **70989B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B7370**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A5CED1**, and **3E6568** is the 20% darker color. If you saturate the color by 10%, you get **61979B**, and if you desaturate by 10%, it is **80999B**.

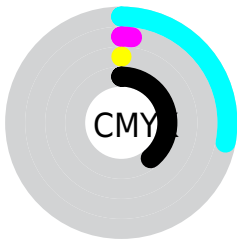
# Distribution



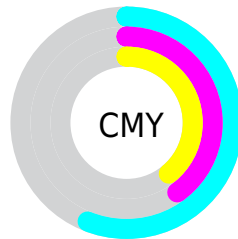
- Red (44%)
- Green (60%)
- Blue (61%)



- Red (44%)
- Yellow (52%)
- Blue (61%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)
- Black (39%)



- Cyan (56%)
- Magenta (40%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70989B 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 70989B by changing the saturation by 10% instead.



70989B

70989B

FFFFFF

577E81

A5CED1

3E6568

C0EBEE

264D50

DDFFFF

0C3639

F9FFFF

002124

00010F

000000

70989B

70989B

61979B

80999B

51969B

8F9A9B

42959B

9F9B9B

32949B

AE9C9B

23939B

BE9D9B

13929B

CD9E9B

04909B

DCA09B

00909B

ECA19B

FBA29B

# Harmonies

## Analogous

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



75988E



70989B



7496A5

# Triad

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



70989B



9F8B9F



9D8F78

# Complementary

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



70989B



9B7370

# 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.



A78B7D



70989B



A98893

# Square

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



70989B



918EA7



AB8987



8F937A

# Rectangle

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



70989B



7C94A9



AB8987



A18E79



# Sweetspot

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



70989B



B9C8C9



709B73



5C6566



E6E6E6



666666



# Same Dimension

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



70989B



87C5C9



70839B



454C4D



00828C



000C0D



# Inverse Universe

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



9B7098



C987C5



9B8870



4D454C



8C0082



0D000C



# Previews

## White Background



This preview shows how the Hex color 70989B looks on a white background.

## Color Contrast Check

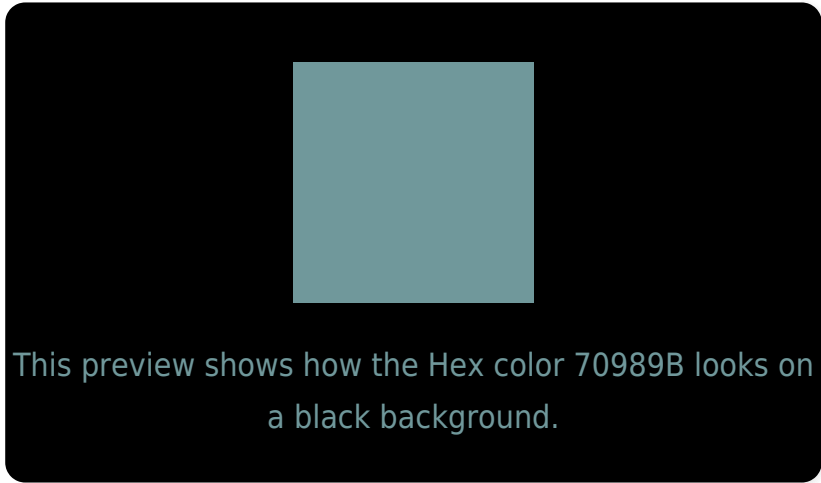
Large Text (above 18pt) WCAG AA ✓ Pass

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

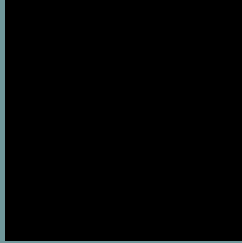
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 70989B Background



This preview shows how black text looks on a background with the Hex color 70989B.

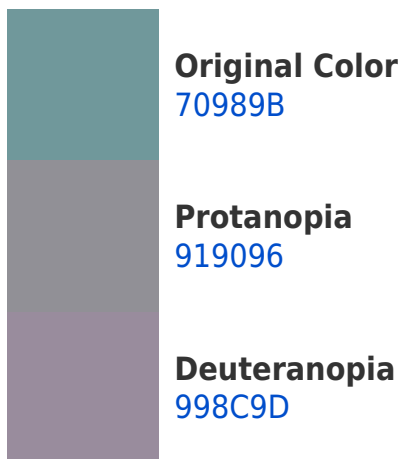


This preview shows how white text looks on a background with the Hex color 70989B.

# 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](#).

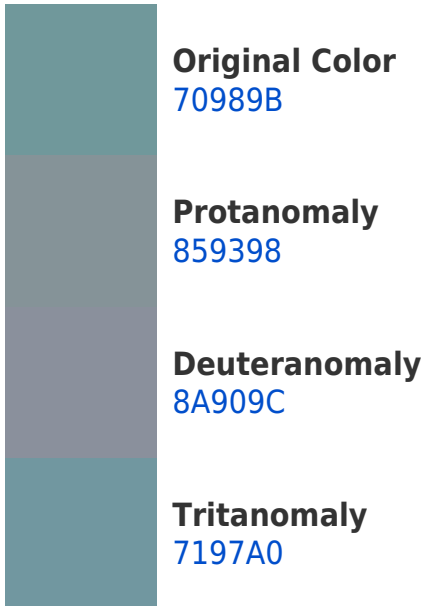
## Dichromacy





**Tritanopia**  
7297A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70989B 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 #70989B looks like.

```
.text, #text, p{  
    color:#70989B  
}
```

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 #70989B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70989B
}
```

## Border

The CSS property to change the border of an element to Hex 70989B 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
#70989B }
```

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

```
.border{ border-color:#70989B }
```

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

Here you see how a box with a 4 pixel #70989B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70989B; -webkit-box-shadow:4px 4px  
4px 4px #70989B; box-shadow:4px 4px 4px  
4px #70989B }
```

# Background

The CSS property to change the background color of an element to Hex 70989B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70989B }
```

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

```
.background{ background-color:#70989B }
```

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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