

# Converting Colors

Hex(49969C)

Have a look what the booklet for  
Hex(49969C) contains.

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**Color**

**Hex(49969C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49969C
RGB	73, 150, 156
RGB Percent	29%, 59%, 61%
CMY	0.7137, 0.4118, 0.3882
CMYK	0.53, 0.04, 0.00, 0.39
HSL	184°, 36%, 45%
HSV	184°, 53%, 61%
XYZ	19.6548, 25.6295, 35.3636
YIQ	127.6610, -47.8180, -14.4580

# Conversions

## Conversions Part 2

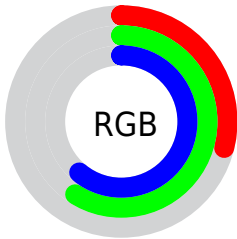
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 113, 156
Decimal	4822684
CIELab	57.68, -21.93, -10.44
CIELCh	58, 24.285, 205.450
Yxy	25.6295, 0.2437, 0.3178
Android (android.graphics.Color)	4283012764 (0xFF49969C)
YUV	127.6610, 13.9711, -47.9377
Hunter-Lab	50.6255, -19.2943, -5.9781

# Details

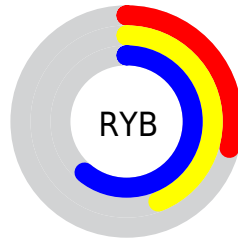
The Hex color **49969C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C4F49**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **80CCD2**, and **006369** is the 20% darker color. If you saturate the color by 10%, you get **39959C**, and if you desaturate by 10%, it is **59979C**.

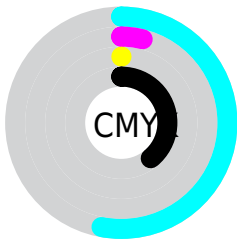
# Distribution



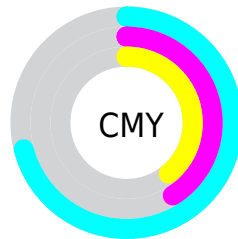
- Red (29%)
- Green (59%)
- Blue (61%)



- Red (29%)
- Yellow (44%)
- Blue (61%)



- Cyan (53%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)



- Cyan (71%)
- Magenta (41%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49969C 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 49969C by changing the saturation by 10% instead.



 49969C

 49969C

FFFFFF

 2C7C82

 80CCD2

 006369

 9CE9EF

 004B51


 B9FFFF

 00343A

 D5FFFF

 002024

 F3FFFF

 00010F

 000000

 49969C

 49969C

 39959C

 59979C

■ 2A949C

■ 68989C

■ 1A939C

■ 78999C

■ 0B919C

■ 879B9C

■ 00919C

■ 979C9C

■ A79D9C

■ B69E9C

■ C69F9C

■ D5A09C

# Harmonies

## Analogous

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



579686



49969C



5193AD

# Triad

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



49969C



A37FA3



9D8860

# Complementary

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



49969C



9C4F49

# 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.



AD8168



49969C



B27B8F

# Square

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



49969C



8986B1



B57C79



878F64

# Rectangle

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



49969C



6190B3



B57C79



A38662



# Sweetspot

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



49969C



ABCACC



499C4F



536566



E6E6E6



666666



# Same Dimension

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



49969C



49C3CC



496D9C



474E4F



00848F



000E0F



# Inverse Universe

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



9C4996



CC49C3



9C7849



4F474E



8F0084

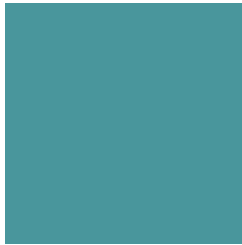


0F000E



# Previews

## White Background



This preview shows how the Hex color 49969C looks on a white background.

## Color Contrast Check

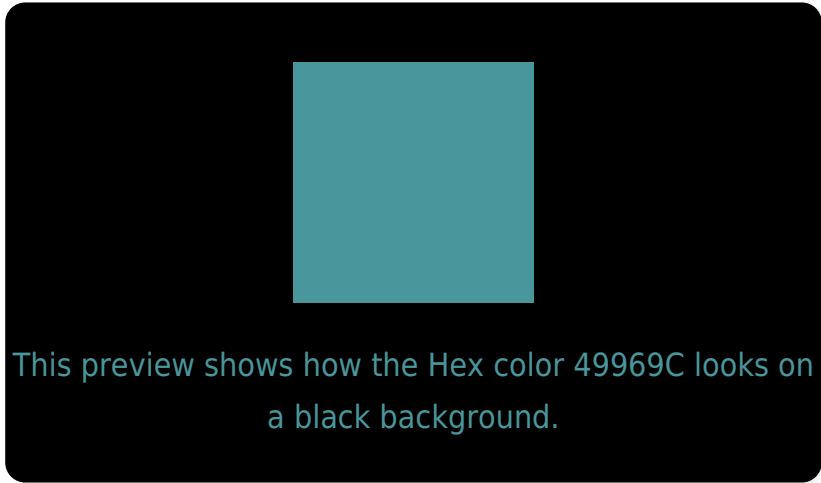
Large Text (above 18pt) WCAG AA ✓ Pass

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

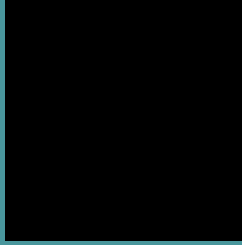
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 49969C Background



This preview shows how black text looks on a background with the Hex color 49969C.

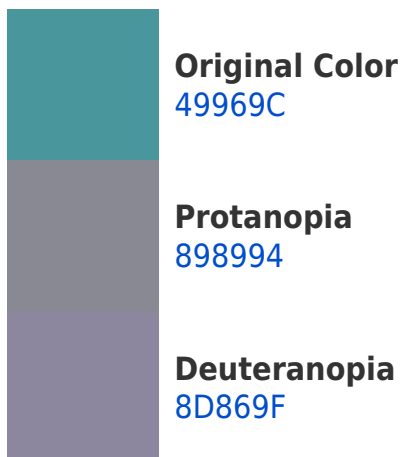


This preview shows how white text looks on a background with the Hex color 49969C.

# 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



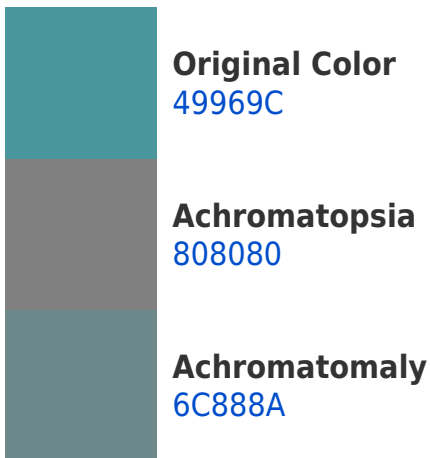


**Tritanopia**  
4B95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49969C 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 #49969C looks like.

```
.text, #text, p{  
    color:#49969C  
}
```

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 #49969C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49969C
}
```

## Border

The CSS property to change the border of an element to Hex 49969C 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
#49969C }
```

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

```
.border{ border-color:#49969C }
```

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

Here you see how a box with a 4 pixel #49969C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49969C; -webkit-box-shadow:4px 4px  
4px 4px #49969C; box-shadow:4px 4px 4px  
4px #49969C }
```

# Background

The CSS property to change the background color of an element to Hex 49969C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49969C }
```

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

```
.background{ background-color:#49969C }
```

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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