

# Converting Colors

Hex(49989E)

Have a look what the booklet for  
Hex(49989E) contains.

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# Color

Hex(49989E)

# Conversions

## Conversions Part 1

Format	Color
Hex	49989E
RGB	73, 152, 158
RGB Percent	29%, 60%, 62%
CMY	0.7137, 0.4039, 0.3804
CMYK	0.54, 0.04, 0.00, 0.38
HSL	184°, 37%, 45%
HSV	184°, 54%, 62%
XYZ	20.1474, 26.3416, 36.3703
YIQ	129.0630, -49.0100, -14.8820

# Conversions

## Conversions Part 2

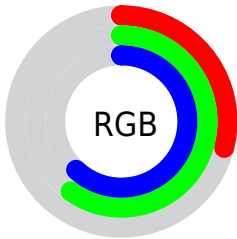
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 114, 158
Decimal	4823198
CIE <sub>Lab</sub>	58.36, -22.39, -10.56
CIE <sub>LCh</sub>	58, 24.758, 205.253
Yxy	26.3416, 0.2432, 0.3179
Android (android.graphics.Color)	4283013278 (0xFF49989E)
YUV	129.0630, 14.2659, -49.1673
Hunter-Lab	51.3240, -19.7462, -6.0885

# Details

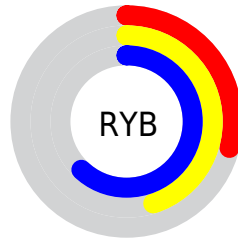
The Hex color **49989E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E4F49**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **81CFD5**, and **00656B** is the 20% darker color. If you saturate the color by 10%, you get **39979E**, and if you desaturate by 10%, it is **59999E**.

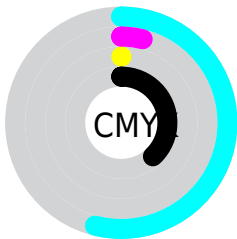
# Distribution



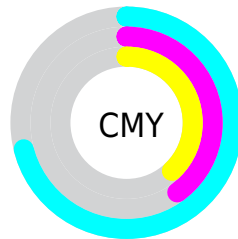
- Red (29%)
- Green (60%)
- Blue (62%)



- Red (29%)
- Yellow (45%)
- Blue (62%)



- Cyan (54%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (71%)
- Magenta (40%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49989E 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 49989E by changing the saturation by 10% instead.



49989E

49989E

FFFFFF

2B7E84

81CFD5

00656B

9DEBF1

004C53

B9FFFF

00353C

D6FFFF

002126

F3FFFF

000111

000000

49989E

49989E

39979E

59999E

29969E

699A9E

1A959E

789B9E

0A949E

889C9E

00939E

989E9E

A89F9E

B8A09E

C7A19E

D7A29E

# Harmonies

## Analogous

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



589888



49989E



5195AF

# Triad

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



49989E



A581A5



9F8A61

# Complementary

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



49989E



9E4F49

# 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.



B08369



49989E



B47D91

# Square

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



49989E



8B88B3



B87D7B



899165

# Rectangle

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



49989E



6192B6



B87D7B



A58763



# Sweetspot

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



49989E



AECCCF



499E4F



556769



E8E8E8



696969



# Same Dimension

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



49989E



48C5CF



496E9E



474E4F



00858F



000E0F



# Inverse Universe

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



9E4998



CF48C5



9E7949



4F474E



8F0085

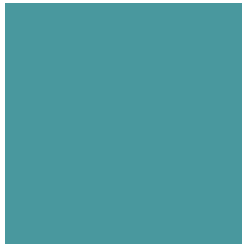


0F000E



# Previews

## White Background



This preview shows how the Hex color 49989E looks on a white background.

## Color Contrast Check

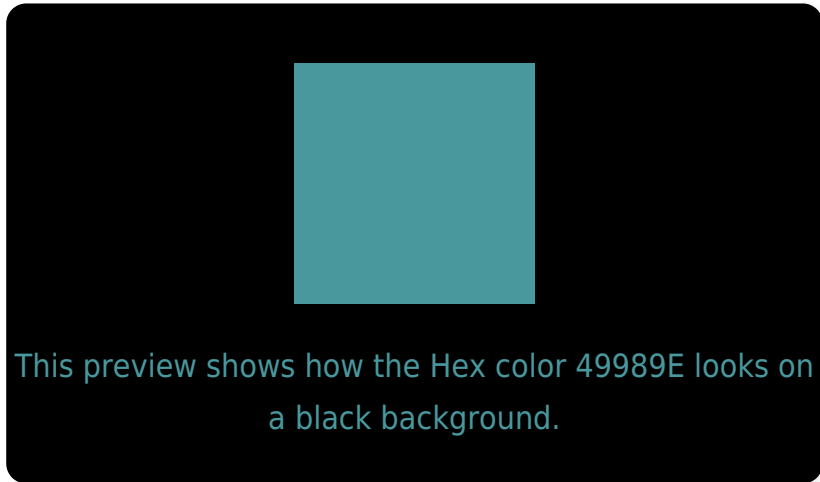
Large Text (above 18pt) WCAG AA ✓ Pass

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

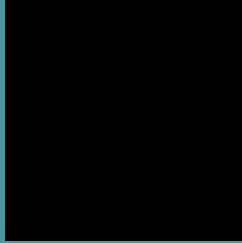
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 49989E Background



This preview shows how black text looks on a background with the Hex color 49989E.

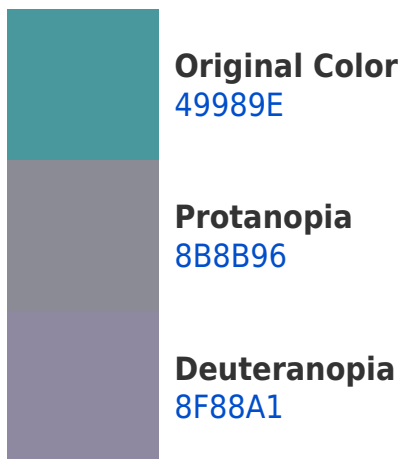


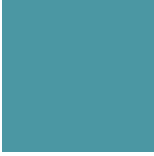
This preview shows how white text looks on a background with the Hex color 49989E.

# 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](#).

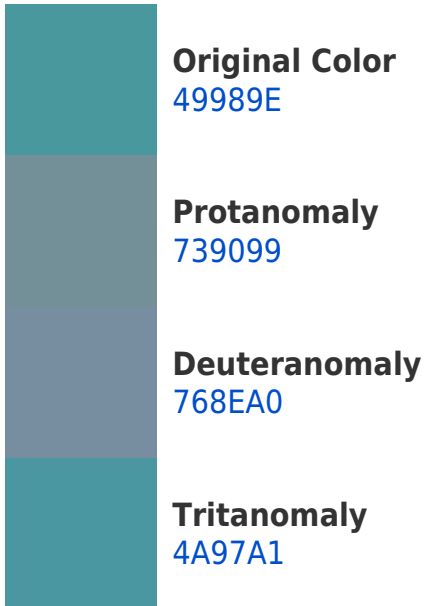
## Dichromacy





**Tritanopia**  
4B97A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49989E 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 #49989E looks like.

```
.text, #text, p{  
    color:#49989E  
}
```

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 #49989E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49989E
}
```

## Border

The CSS property to change the border of an element to Hex 49989E 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
#49989E }
```

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

```
.border{ border-color:#49989E }
```

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

Here you see how a box with a 4 pixel #49989E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49989E; -webkit-box-shadow:4px 4px  
4px 4px #49989E; box-shadow:4px 4px 4px  
4px #49989E }
```

# Background

The CSS property to change the background color of an element to Hex 49989E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49989E }
```

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

```
.background{ background-color:#49989E }
```

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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