

# Converting Colors

Hex(30999C)

Have a look what the booklet for  
Hex(30999C) contains.

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**Color**

**Hex(30999C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30999C
RGB	48, 153, 156
RGB Percent	19%, 60%, 61%
CMY	0.8118, 0.4000, 0.3882
CMYK	0.69, 0.02, 0.00, 0.39
HSL	182°, 53%, 40%
HSV	182°, 69%, 61%
XYZ	18.6109, 25.8111, 35.4536
YIQ	121.9470, -63.5430, -21.3270

# Conversions

## Conversions Part 2

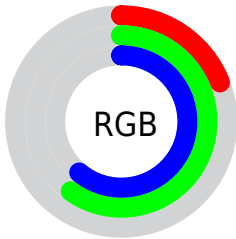
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 101, 156
Decimal	3185052
CIE <sub>Lab</sub>	57.86, -28.01, -10.25
CIE <sub>LCh</sub>	58, 29.824, 200.107
Yxy	25.8111, 0.2330, 0.3231
Android (android.graphics.Color)	4281375132 (0xFF30999C)
YUV	121.9470, 16.7881, -64.8515
Hunter-Lab	50.8047, -23.5196, -5.8118

# Details

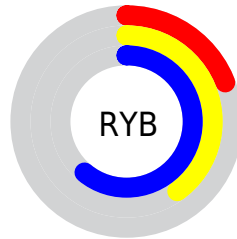
The Hex color **30999C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C3330**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6ED0D2**, and **006569** is the 20% darker color. If you saturate the color by 10%, you get **20999C**, and if you desaturate by 10%, it is **40999C**.

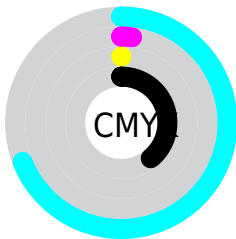
# Distribution



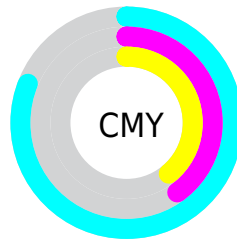
- Red (19%)
- Green (60%)
- Blue (61%)



- Red (19%)
- Yellow (40%)
- Blue (61%)



- Cyan (69%)
- Magenta (2%)
- Yellow (0%)
- Black (39%)



- Cyan (81%)
- Magenta (40%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30999C 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 30999C by changing the saturation by 10% instead.



 30999C

 30999C

FFFFFF

 007F82

 6ED0D2

 006569

 8BECEF

 004D51

 A8FFFF

 00363A

 C5FFFF

 002224

 E2FFFF

 00010F

 000000

 30999C

 30999C

 20999C

 40999C

■ 11989C

■ 4F9A9C

■ 01989C

■ 5F9A9C

■ 00989C

■ 6E9B9C

■ 7E9B9C

■ 8E9C9C

■ 9D9C9C

■ AD9C9C

■ BC9D9C

# Harmonies

## Analogous

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



4D9981



30999C



3396B2

# Triad

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



30999C



A47EAD



A48658

# Complementary

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



30999C



9C3330

# 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.



B77E64



30999C



B87895

# Square

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



30999C



8287BC



BF787A



8B8F59

# Rectangle

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



30999C



4B93BB



BF787A



AC835A



# Sweetspot

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



30999C



A1CBCC



309C32



4D6566



E6E6E6



666666



# Same Dimension

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



30999C



23C7CC



30649C



474F4F



008B8F



000F0F



# Inverse Universe

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



9C3099



CC23C7



9C6830



4F474F



8F008B

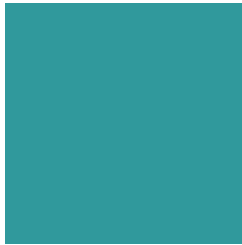


0F000F



# Previews

## White Background



This preview shows how the Hex color 30999C looks on a white background.

## Color Contrast Check

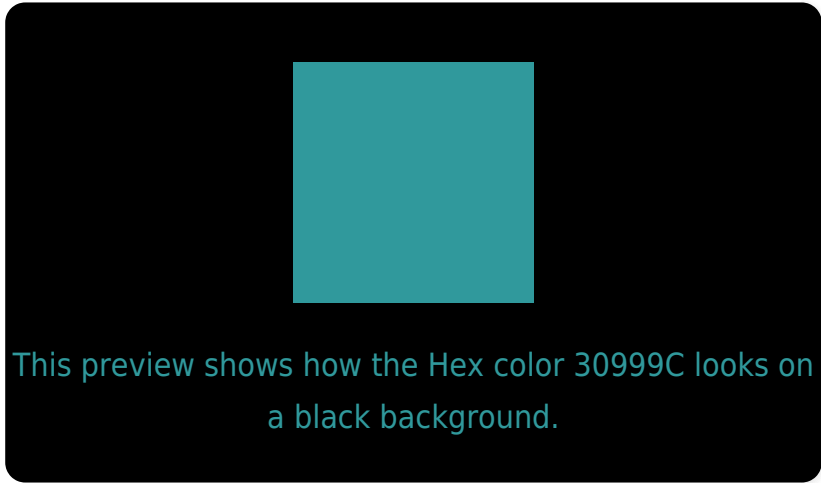
Large Text (above 18pt) WCAG AA ✓ Pass

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

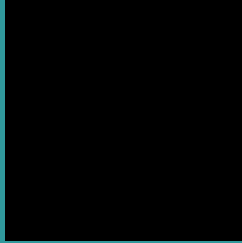
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 30999C Background



This preview shows how black text looks on a background with the Hex color 30999C.

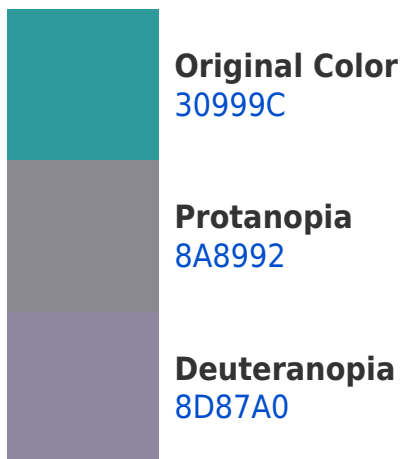


This preview shows how white text looks on a background with the Hex color 30999C.

# 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**  
3598A4

# Trichromacy



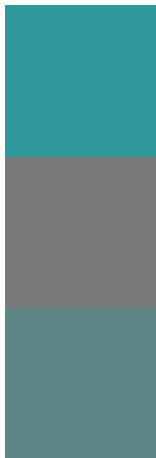
**Original Color**  
30999C

**Protanomaly**  
698F96

**Deuteranomaly**  
6B8E9F

**Tritanomaly**  
3398A1

# Monochromacy



**Original Color**  
30999C

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
5F8586

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30999C 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 #30999C looks like.

```
.text, #text, p{  
    color:#30999C  
}
```

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 #30999C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30999C
}
```

## Border

The CSS property to change the border of an element to Hex 30999C 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
#30999C }
```

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

```
.border{ border-color:#30999C }
```

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

Here you see how a box with a 4 pixel #30999C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30999C; -webkit-box-shadow:4px 4px  
4px 4px #30999C; box-shadow:4px 4px 4px  
4px #30999C }
```

# Background

The CSS property to change the background color of an element to Hex 30999C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30999C }
```

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

```
.background{ background-color:#30999C }
```

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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