

# Converting Colors

Hex(34999B)

Have a look what the booklet for  
Hex(34999B) contains.

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# Color

**Hex(34999B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34999B
RGB	52, 153, 155
RGB Percent	20%, 60%, 61%
CMY	0.7961, 0.4000, 0.3922
CMYK	0.66, 0.01, 0.00, 0.39
HSL	181°, 50%, 41%
HSV	181°, 66%, 61%
XYZ	18.7238, 25.8791, 35.0187
YIQ	123.0290, -60.8380, -20.7900

# Conversions

## Conversions Part 2

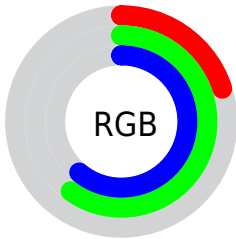
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 103, 155
Decimal	3447195
CIELab	57.92, -27.70, -9.58
CIELCh	58, 29.308, 199.071
Yxy	25.8791, 0.2352, 0.3250
Android (android.graphics.Color)	4281637275 (0xFF34999B)
YUV	123.0290, 15.7617, -62.2924
Hunter-Lab	50.8715, -23.3263, -5.2037

# Details

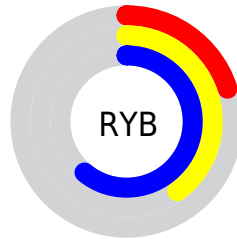
The Hex color **34999B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B3634**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **70D0D1**, and **006568** is the 20% darker color. If you saturate the color by 10%, you get **25999B**, and if you desaturate by 10%, it is **43999B**.

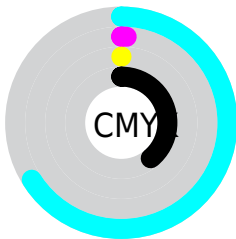
# Distribution



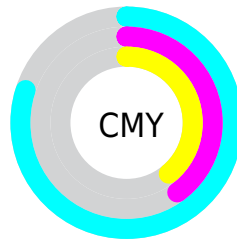
- Red (20%)
- Green (60%)
- Blue (61%)



- Red (20%)
- Yellow (40%)
- Blue (61%)



- Cyan (66%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (80%)
- Magenta (40%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34999B 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 34999B by changing the saturation by 10% instead.



 34999B

 34999B

FFFFFF

 047F81

 70D0D1

 006568

 8DECEE

 004D50

 AAFFFF

 003639

 C7FFFF

 002223

 E5FFFF

 00010E

 000000

 34999B

 34999B

 25999B

 43999B

15989B

539A9B

06989B

629A9B

00989B

729A9B

829B9B

919B9B

A09B9B

B09B9B

BF9C9B

# Harmonies

## Analogous

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



509881



34999B



3696B1

# Triad

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



34999B



A27FAD



A58659

# Complementary

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



34999B



9B3634

# 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.



B77E66



34999B



B77996

# Square

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



34999B



8188BB



BE787C



8C8F5A

# Rectangle

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



34999B



4C93BA



BE787C



AC835C



# Sweetspot

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



34999B



A1C9C9



349B36



4E6666



E6E6E6



666666



# Same Dimension

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



34999B



28C6C9



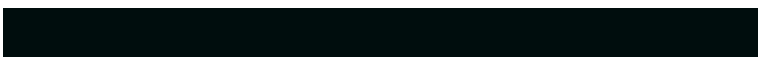
34669B



454C4D



008A8C



000D0D



# Inverse Universe

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



9B3499



C928C6



9B6934



4D454C



8C008A

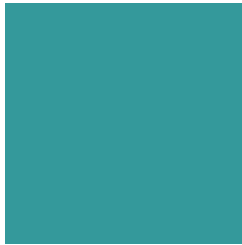


0D000D



# Previews

## White Background



This preview shows how the Hex color 34999B looks on a white background.

## Color Contrast Check

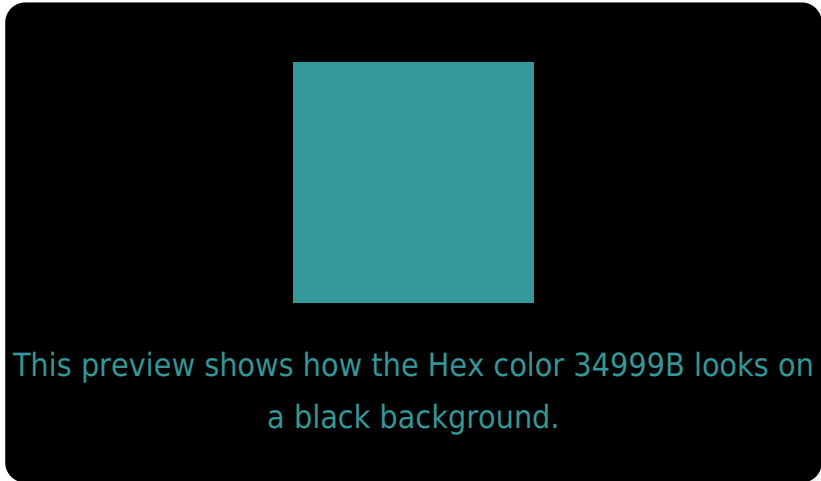
Large Text (above 18pt) WCAG AA ✓ Pass

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

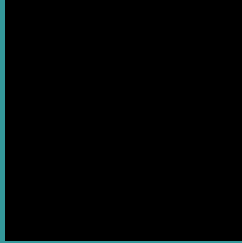
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 34999B Background



This preview shows how black text looks on a background with the Hex color 34999B.

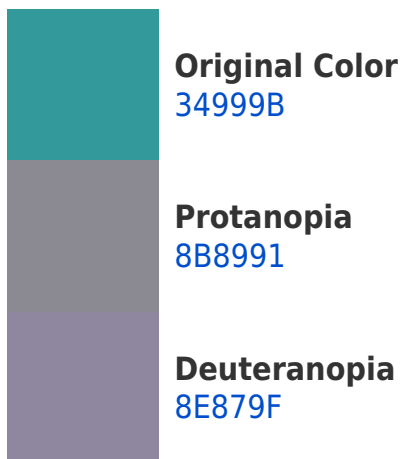


This preview shows how white text looks on a background with the Hex color 34999B.

# 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**  
3998A4

# Trichromacy



**Original Color**  
34999B



**Protanomaly**  
6B8F95



**Deuteranomaly**  
6D8E9E



**Tritanomaly**  
3798A1

# Monochromacy



**Original Color**  
34999B



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
618687

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34999B 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 #34999B looks like.

```
.text, #text, p{  
    color:#34999B  
}
```

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 #34999B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34999B
}
```

## Border

The CSS property to change the border of an element to Hex 34999B 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
#34999B }
```

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

```
.border{ border-color:#34999B }
```

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

Here you see how a box with a 4 pixel #34999B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34999B; -webkit-box-shadow:4px 4px  
4px 4px #34999B; box-shadow:4px 4px 4px  
4px #34999B }
```

# Background

The CSS property to change the background color of an element to Hex 34999B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34999B }
```

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

```
.background{ background-color:#34999B }
```

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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