

Converting Colors

Hex(33999A)

Have a look what the booklet for
Hex(33999A) contains.

Hex(33999A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(33999A)

Conversions

Conversions Part 1

Format	Color
Hex	33999A
RGB	51, 153, 154
RGB Percent	20%, 60%, 60%
CMY	0.8000, 0.4000, 0.3961
CMYK	0.67, 0.01, 0.00, 0.40
HSL	181°, 50%, 40%
HSV	181°, 67%, 60%
XYZ	18.5892, 25.8194, 34.5757
YIQ	122.6160, -61.1130, -21.3130

Conversions

Conversions Part 2

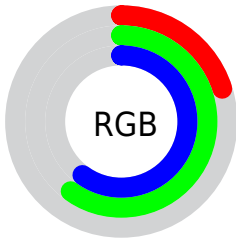
Format	Color
RYB	51, 102, 154
Decimal	3381658
CIELab	57.87, -28.15, -9.09
CIELCh	58, 29.586, 197.902
Yxy	25.8194, 0.2354, 0.3269
Android (android.graphics.Color)	4281571738 (0xFF33999A)
YUV	122.6160, 15.4723, -62.8072
Hunter-Lab	50.8128, -23.6204, -4.7752

Details

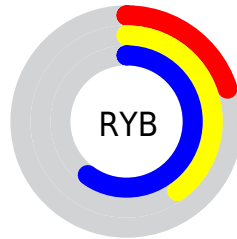
The Hex color **33999A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A3433**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **70D0D0**, and **006567** is the 20% darker color. If you saturate the color by 10%, you get **24999A**, and if you desaturate by 10%, it is **42999A**.

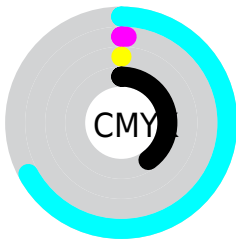
Distribution



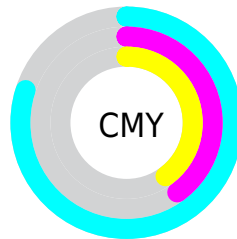
- Red (20%)
- Green (60%)
- Blue (60%)



- Red (20%)
- Yellow (40%)
- Blue (60%)



- Cyan (67%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 33999A 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 33999A by changing the saturation by 10% instead.



33999A



33999A

FFFFFF



017F80



70D0D0



006567



8CECED



004D4F



A9FFFF



003638



C6FFFF



002223



E4FFFF



00010D



000000



33999A



33999A



24999A



42999A

■ 14999A

■ 52999A

■ 05999A

■ 61999A

■ 00999A

■ 719A9A

■ 809A9A

■ 8F9A9A

■ 9F9A9A

■ AE9A9A

■ BE9A9A

Harmonies

Analogous

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



50987F



33999A



3396B1

Triad

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



33999A



A17FAE



A68659

Complementary

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



33999A



9A3433

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.



B87D66



33999A



B77897

Square

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



33999A



7F88BC



BE787C



8D8E59

Rectangle

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



33999A



4993BA



BE787C



AD835C

Sweetspot

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



33999A



A1C9C9



339A33



4E6666



E6E6E6



666666

Same Dimension

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



33999A



28C8C9



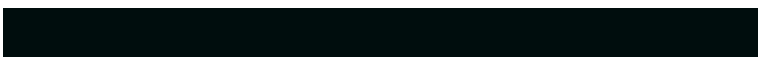
33669A



454C4D



008B8C



000D0D

Inverse Universe

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



9A3399



C928C8



9A6633



4D454C



8C008B



0D000D

Previews

White Background



This preview shows how the Hex color 33999A 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

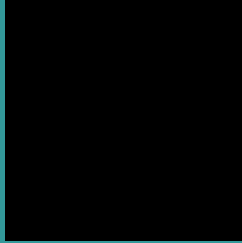
Any Text WCAG AA ✓ Pass

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 33999A Background



This preview shows how black text looks on a background with the Hex color 33999A.

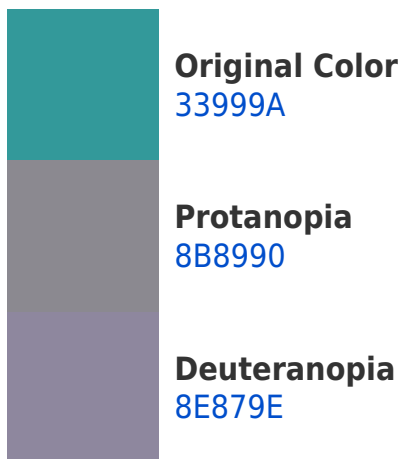


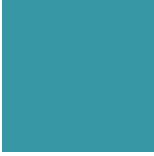
This preview shows how white text looks on a background with the Hex color 33999A.

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](#).

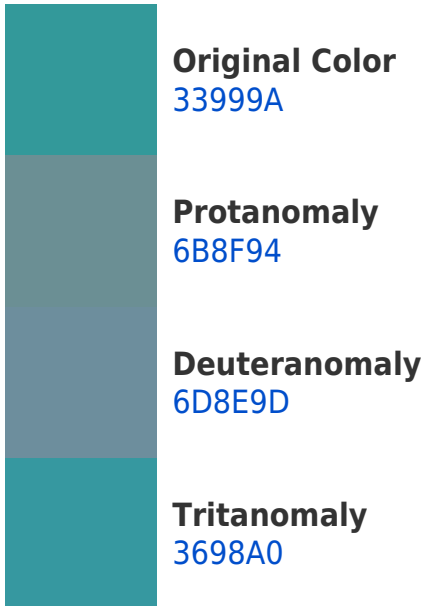
Dichromacy



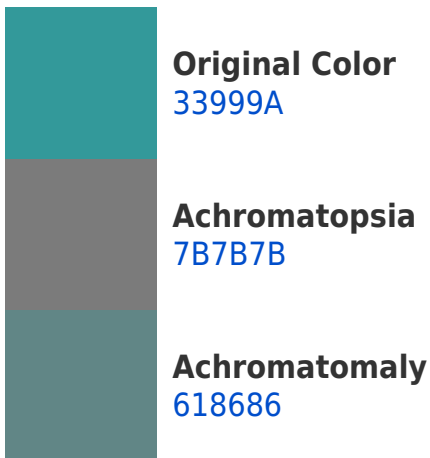


Tritanopia
3897A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 33999A 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 #33999A looks like.

```
.text, #text, p{  
    color:#33999A  
}
```

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 #33999A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33999A
}
```

Border

The CSS property to change the border of an element to Hex 33999A 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
#33999A }
```

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

```
.border{ border-color:#33999A }
```

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

Here you see how a box with a 4 pixel #33999A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33999A; -webkit-box-shadow:4px 4px  
4px 4px #33999A; box-shadow:4px 4px 4px  
4px #33999A }
```

Background

The CSS property to change the background color of an element to Hex 33999A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33999A }
```

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

```
.background{ background-color:#33999A }
```

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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