

# Converting Colors

Hex(339988)

Have a look what the booklet for  
Hex(339988) contains.

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# Color

Hex(339988)

# Conversions

## Conversions Part 1

Format	Color
Hex	339988
RGB	51, 153, 136
RGB Percent	20%, 60%, 53%
CMY	0.8000, 0.4000, 0.4667
CMYK	0.67, 0.00, 0.11, 0.40
HSL	170°, 50%, 40%
HSV	170°, 67%, 60%
XYZ	17.2004, 25.2638, 27.2624
YIQ	120.5640, -55.3350, -26.9110

# Conversions

## Conversions Part 2

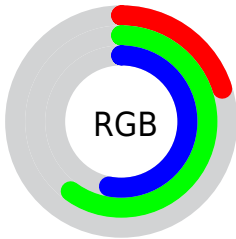
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 107, 153
Decimal	3381640
CIELab	57.33, -33.27, 0.38
CIElCh	57, 33.271, 179.350
Yxy	25.2638, 0.2467, 0.3623
Android (android.graphics.Color)	4281571720 (0xFF339988)
YUV	120.5640, 7.6099, -61.0076
Hunter-Lab	50.2632, -26.8766, 3.0257

# Details

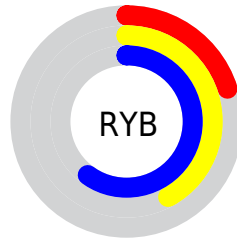
The Hex color **339988** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **993344**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6ED0BD**, and **006556** is the 20% darker color. If you saturate the color by 10%, you get **249985**, and if you desaturate by 10%, it is **42998B**.

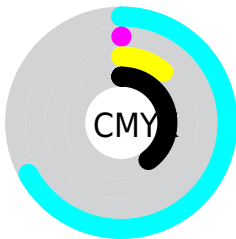
# Distribution



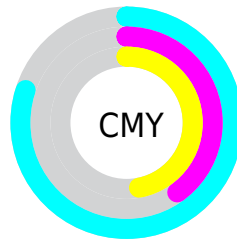
- Red (20%)
- Green (60%)
- Blue (53%)



- Red (20%)
- Yellow (42%)
- Blue (60%)



- Cyan (67%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 339988 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 339988 by changing the saturation by 10% instead.



 339988

 339988

FFFFFF

 067F6F

 6ED0BD

 006556

 8BECD9

 004D3F

 A7FFF5

 003529

 C4FFFF

 002115

 E1FFFF

 000000

 339988

 339988

 249985

 42998B

 149983

 52998D

059980

619990

00997F

709992

809995

8F9997

9E999A

AD999C

BD999F

# Harmonies

## Analogous

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



5C966B



339988



0098A5

# Triad

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



339988



8C82BC



B47E58

# Complementary

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



339988



993344

# 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.



C1756F



339988



AE78A8

# Square

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



339988



5D8DC3



BF738B



9D884F

# Rectangle

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



339988



0C96B5



BF738B



BA7A5F



# Sweetspot

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



339988



9FC7C0



449933



4C635F



E3E3E3



636363



# Same Dimension

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



339988



28C7AC



337799



454D4B



008C75



000D0B



# Inverse Universe

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



993344



C72842



995533



4D4546



8C0017

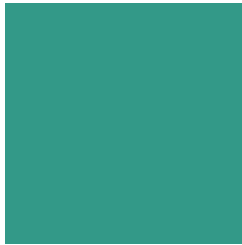


0D0002



# Previews

## White Background



This preview shows how the Hex color 339988 looks on a white background.

## Color Contrast Check

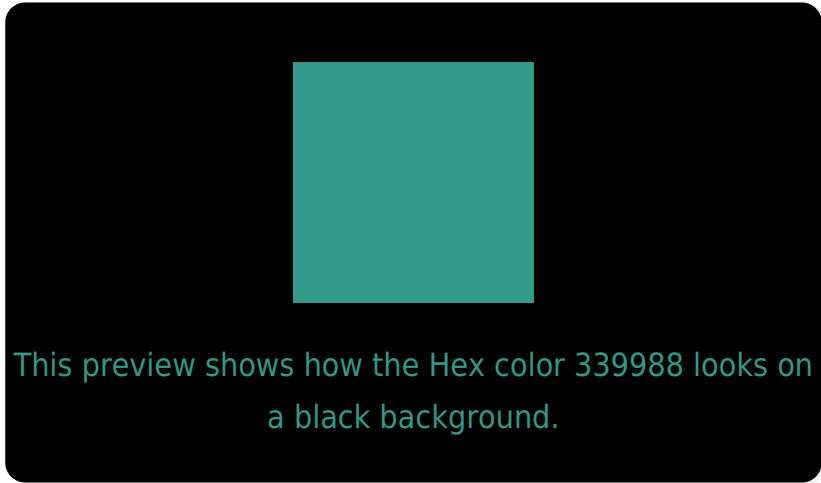
Large Text (above 18pt) WCAG AA ✓ Pass

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

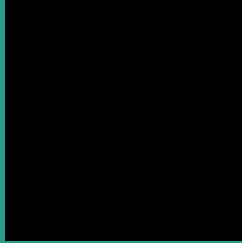
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 339988 Background



This preview shows how black text looks on a background with the Hex color 339988.

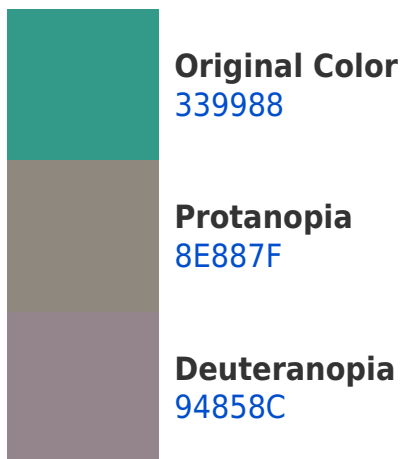


This preview shows how white text looks on a background with the Hex color 339988.

# 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](#).

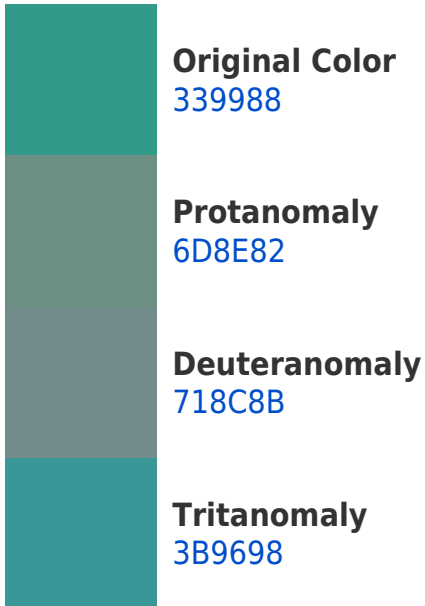
## Dichromacy



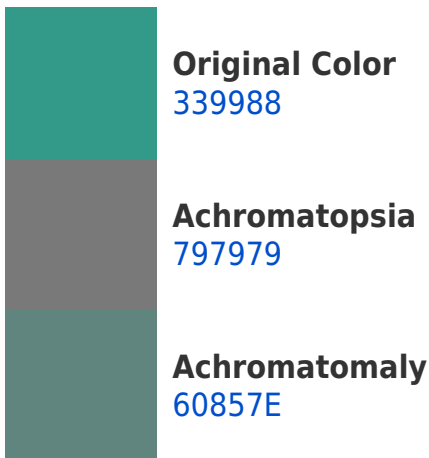


**Tritanopia**  
3F95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 339988 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 #339988 looks like.

```
.text, #text, p{  
    color:#339988  
}
```

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 #339988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339988
}
```

## Border

The CSS property to change the border of an element to Hex 339988 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
#339988 }
```

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

```
.border{ border-color:#339988 }
```

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

Here you see how a box with a 4 pixel #339988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339988; -webkit-box-shadow:4px 4px  
4px 4px #339988; box-shadow:4px 4px 4px  
4px #339988 }
```

# Background

The CSS property to change the background color of an element to Hex 339988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339988 }
```

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

```
.background{ background-color:#339988 }
```

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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