

# Converting Colors

Hex(338B9D)

Have a look what the booklet for  
Hex(338B9D) contains.

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# Color

**Hex(338B9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	338B9D
RGB	51, 139, 157
RGB Percent	20%, 55%, 62%
CMY	0.8000, 0.4549, 0.3843
CMYK	0.68, 0.11, 0.00, 0.38
HSL	190°, 51%, 41%
HSV	190°, 68%, 62%
XYZ	16.6837, 21.6034, 35.1888
YIQ	114.7400, -58.2260, -13.0580

# Conversions

## Conversions Part 2

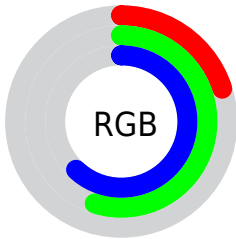
Format	Color
<b>RYB</b>	51, 99, 157
Decimal	3378077
CIELab	53.60, -20.06, -17.24
CIElCh	54, 26.453, 220.681
Yxy	21.6034, 0.2271, 0.2940
Android (android.graphics.Color)	4281568157 (0xFF338B9D)
YUV	114.7400, 20.8342, -55.9000
Hunter-Lab	46.4794, -17.2669, -12.3519




# Details

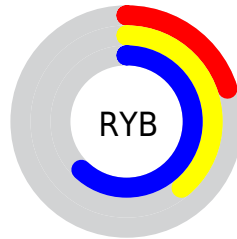
The Hex color **338B9D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D4533**, and the grayscale version is **737373**.




A 20% lighter version of the original color is **6FC1D4**, and **00596A** is the 20% darker color. If you saturate the color by 10%, you get **23889D**, and if you desaturate by 10%, it is **438E9D**.

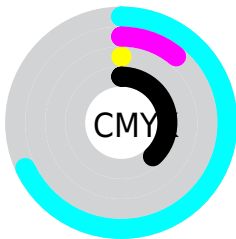
# Distribution







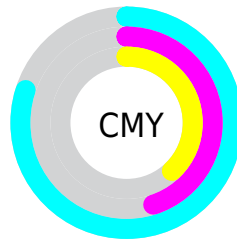
-  Red (20%)
-  Green (55%)
-  Blue (62%)






-  Red (20%)
-  Yellow (39%)
-  Blue (62%)



-  Cyan (68%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (80%)
-  Magenta (45%)
-  Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 338B9D 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 338B9D by changing the saturation by 10% instead.



■ 338B9D

■ 338B9D

FFFFFF

■ 057183

■ 6FC1D4

■ 00596A

■ 8BDDF0

■ 004152

■ A8F9FF

■ 002B3A

■ C4FFFF

■ 001625

■ E2FFFF

■ 00010F

■ 000000

■ 338B9D

■ 338B9D

■ 23889D

■ 438E9D

14869D

52909D

04839D

62939D

00829D

72969D

82989D

919B9D

A19E9D

B1A09D

C0A39D

# Harmonies

## Analogous

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



3A8D88



338B9D



4B87AB

# Triad

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



338B9D



A47190



888153

# Complementary

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



338B9D



9D4533

# 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.



9D7A55



338B9D



AD6F79

# Square

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



338B9D



8D77A3



AA7263



6E885D

# Rectangle

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



338B9D



6282AD



AA7263



8F7F52



# Sweetspot

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



338B9D



A3C5CC



339D45



4E6266



E6E6E6



666666



# Same Dimension

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



338B9D



27B0CC



33569D



474E4F



00778F



000D0F



# Inverse Universe

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



9D338B



CC27B0



9D7A33



4F474E



8F0077



0F000D



# Previews

## White Background



This preview shows how the Hex color 338B9D looks on a white background.

## Color Contrast Check

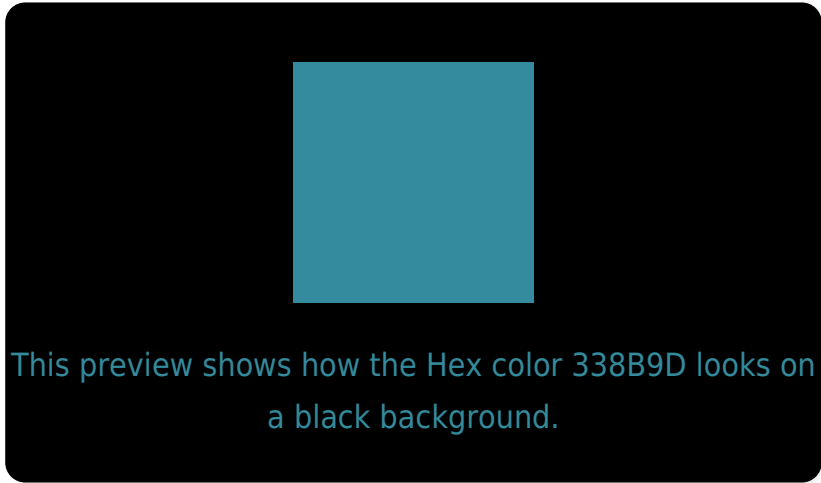
Large Text (above 18pt) WCAG AA ✓ Pass

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

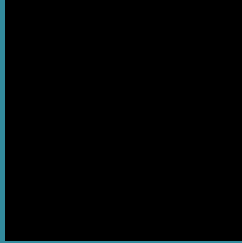
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 338B9D Background



This preview shows how black text looks on a background with the Hex color 338B9D.

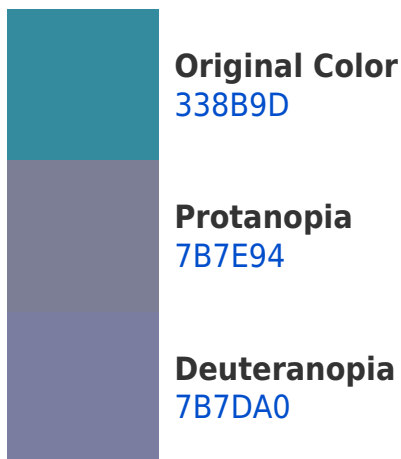


This preview shows how white text looks on a background with the Hex color 338B9D.

# 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](#).

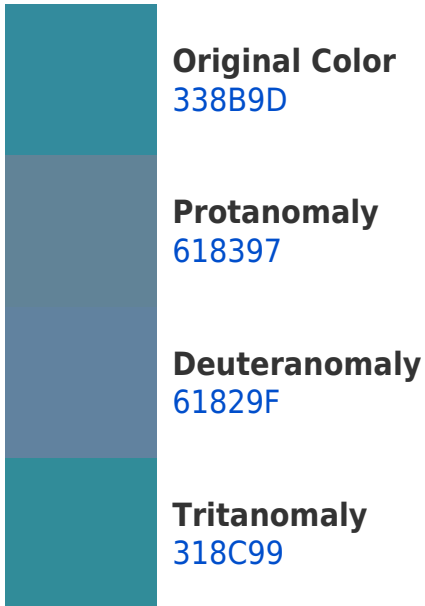
## Dichromacy





**Tritanopia**  
308C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 338B9D 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 #338B9D looks like.

```
.text, #text, p{  
    color:#338B9D  
}
```

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 #338B9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338B9D
}
```

## Border

The CSS property to change the border of an element to Hex 338B9D 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
#338B9D }
```

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

```
.border{ border-color:#338B9D }
```

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

Here you see how a box with a 4 pixel #338B9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338B9D; -webkit-box-shadow:4px 4px  
4px 4px #338B9D; box-shadow:4px 4px 4px  
4px #338B9D }
```

# Background

The CSS property to change the background color of an element to Hex 338B9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338B9D }
```

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

```
.background{ background-color:#338B9D }
```

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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