

# Converting Colors

Hex(339B58)

Have a look what the booklet for  
Hex(339B58) contains.

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# Color

Hex(339B58)

# Conversions

## Conversions Part 1

Format	Color
Hex	339B58
RGB	51, 155, 88
RGB Percent	20%, 61%, 35%
CMY	0.8000, 0.3922, 0.6549
CMYK	0.67, 0.00, 0.43, 0.39
HSL	141°, 50%, 40%
HSV	141°, 67%, 61%
XYZ	14.8480, 24.8511, 13.2467
YIQ	116.2660, -40.4770, -42.8850

# Conversions

## Conversions Part 2

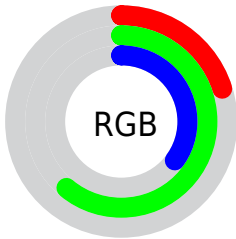
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 128, 155
Decimal	3382104
CIELab	56.93, -45.07, 26.64
CIELCh	57, 52.353, 149.412
Yxy	24.8511, 0.2804, 0.4694
Android (android.graphics.Color)	4281572184 (0xFF339B58)
YUV	116.2660, -13.9351, -57.2383
Hunter-Lab	49.8509, -34.0729, 19.1407

# Details

The Hex color **339B58** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B3376**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6ED28B**, and **006729** is the 20% darker color. If you saturate the color by 10%, you get **239B4E**, and if you desaturate by 10%, it is **439B62**.

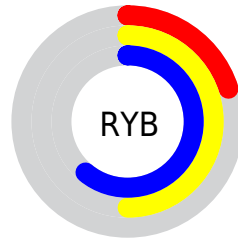
# Distribution



Red (20%)

Green (61%)

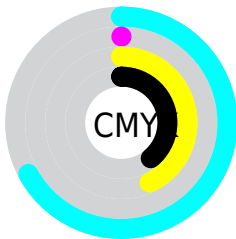
Blue (35%)



Red (20%)

Yellow (50%)

Blue (61%)

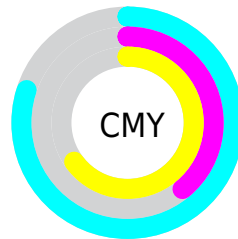


Cyan (67%)

Magenta (0%)

Yellow (43%)

Black (39%)



Cyan (80%)

Magenta (39%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 339B58 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 339B58 by changing the saturation by 10% instead.





339B58



339B58

FFFFFF



088040



6ED28B



006729



8AEFA5



004E12



A6FFC1



003600



C3FFDD



002000



E0FFF9



000000

FEFFFF



339B58



339B58



239B4E



439B62

■ 149B44

■ 529B6C

■ 059B3A

■ 629B76

■ 009B37

■ 719B80

■ 819B8A

■ 909B94

■ A09B9E

■ AF9BA8

■ BE9BB2

# Harmonies

## Analogous

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



749333



339B58



009F86

# Triad

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



339B58



008EE4



DA645E

# Complementary

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



339B58



9B3376

# 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.



D95F8B



339B58



887DD8

# Square

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



339B58



0099D7



BF6AB8



C5753A

# Rectangle

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



339B58



009FA6



BF6AB8



DC616D



# Sweetspot

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



339B58



A1C9AF



779B33



4E6656



E6E6E6



666666



# Same Dimension

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



339B58



26C960



339B8B



454D48



008C32



000D05



# Inverse Universe

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



9B3376



C9268F



9B3343



4D454A



8C005A



0D0008



# Previews

## White Background



This preview shows how the Hex color 339B58 looks on a white background.

## Color Contrast Check

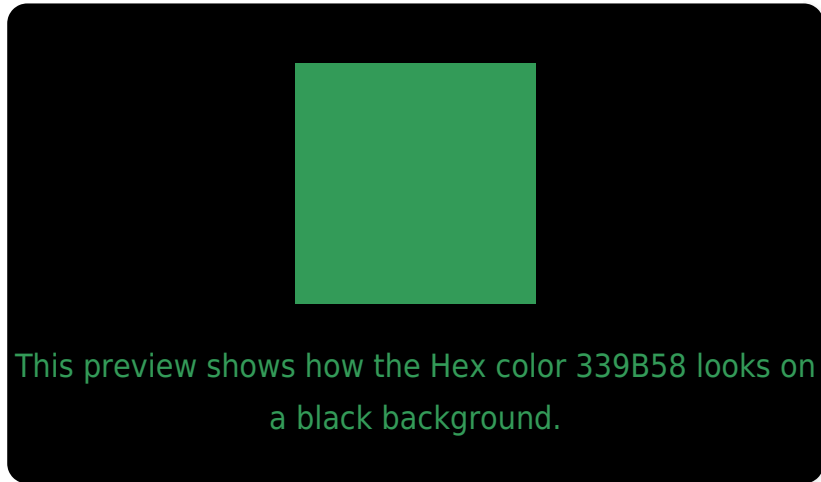
Large Text (above 18pt) WCAG AA ✓ Pass

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

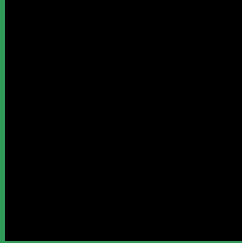
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 339B58 Background



This preview shows how black text looks on a background with the Hex color 339B58.




This preview shows how white text looks on a background with the Hex color 339B58.

# 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**  
4A939F

# Trichromacy



**Original Color**

339B58



**Protanomaly**

718F54



**Deuteranomaly**

7A8B5C



**Tritanomaly**

429685

# Monochromacy



**Original Color**

339B58



**Achromatopsia**

747474



**Achromatomaly**

5C826A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 339B58 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 #339B58 looks like.

```
.text, #text, p{  
    color:#339B58  
}
```

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 #339B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339B58
}
```

## Border

The CSS property to change the border of an element to Hex 339B58 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
#339B58 }
```

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

```
.border{ border-color:#339B58 }
```

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

Here you see how a box with a 4 pixel #339B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339B58; -webkit-box-shadow:4px 4px  
4px 4px #339B58; box-shadow:4px 4px 4px  
4px #339B58 }
```

# Background

The CSS property to change the background color of an element to Hex 339B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339B58 }
```

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

```
.background{ background-color:#339B58 }
```

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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