

# Converting Colors

Hex(339B51)

Have a look what the booklet for  
Hex(339B51) contains.

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**Color**

**Hex(339B51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	339B51
RGB	51, 155, 81
RGB Percent	20%, 61%, 32%
CMY	0.8000, 0.3922, 0.6824
CMYK	0.67, 0.00, 0.48, 0.39
HSL	137°, 50%, 40%
HSV	137°, 67%, 61%
XYZ	14.5718, 24.7406, 11.7920
YIQ	115.4680, -38.2300, -45.0620

# Conversions

## Conversions Part 2

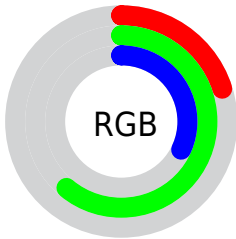
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 132, 155
Decimal	3382097
CIELab	56.82, -46.28, 30.22
CIELCh	57, 55.276, 146.855
Yxy	24.7406, 0.2851, 0.4841
Android (android.graphics.Color)	4281572177 (0xFF339B51)
YUV	115.4680, -16.9927, -56.5384
Hunter-Lab	49.7399, -34.7515, 20.7619

# Details

The Hex color **339B51** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B337D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6ED284**, and **006722** is the 20% darker color. If you saturate the color by 10%, you get **239B46**, and if you desaturate by 10%, it is **439B5C**.

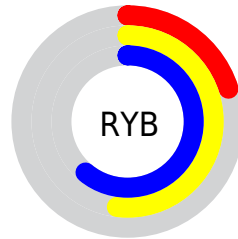
# Distribution



Red (20%)

Green (61%)

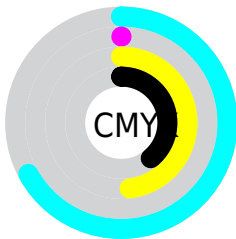
Blue (32%)



Red (20%)

Yellow (52%)

Blue (61%)

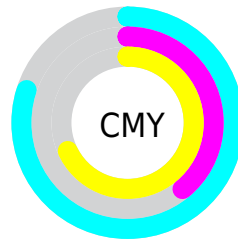


Cyan (67%)

Magenta (0%)

Yellow (48%)

Black (39%)



Cyan (80%)

Magenta (39%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 339B51 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 339B51 by changing the saturation by 10% instead.





339B51



339B51

FFFFFF



088039



6ED284



006722



8AEF9E



004E09



A7FFB9



003600



C3FFD5



002000



E1FFF2



000000

FEFFFF



339B51



339B51



239B46



439B5C

■ 149B3B

■ 529B67

■ 059B30

■ 629B72

■ 009B2D

■ 719B7D

■ 819B88

■ 909B93

■ A09B9E

■ AF9BA9

■ BE9BB4

# Harmonies

## Analogous

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



77922A



339B51



009F82

# Triad

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



339B51



008FE9



DE6060

# Complementary

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



339B51



9B337D

# 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.



DC5B8F



339B51



807EDF

# Square

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



339B51



009AD8



BE69BE



CA7237

# Rectangle

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



339B51



00A0A3



BE69BE



E05C6F



# Sweetspot

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



339B51



A1C9AD



7E9B33



4E6655



E6E6E6



666666



# Same Dimension

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



339B51



26C955



339B84



454D47



008C28



000D04



# Inverse Universe

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



9B337D



C9269A



9B334A



4D454A



8C0064



0D0009



# Previews

## White Background



This preview shows how the Hex color 339B51 looks on a white background.

## Color Contrast Check

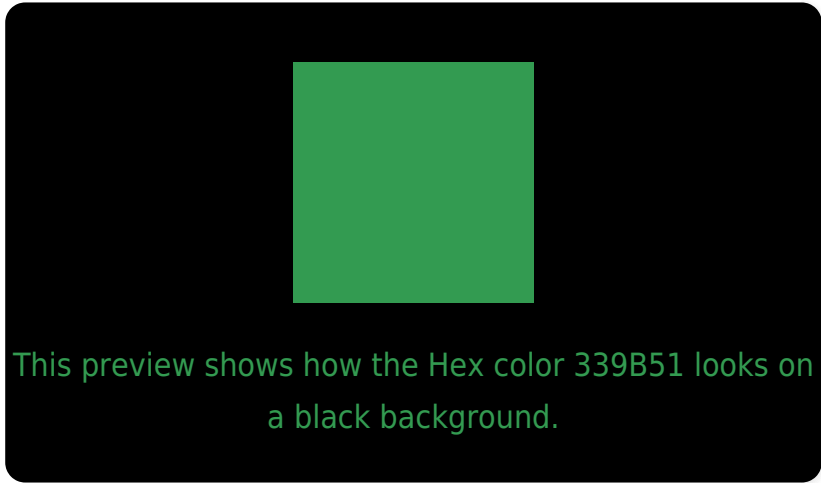
Large Text (above 18pt) WCAG AA ✓ Pass

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 339B51 Background



This preview shows how black text looks on a background with the Hex color 339B51.



This preview shows how white text looks on a background with the Hex color 339B51.

# 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](#).

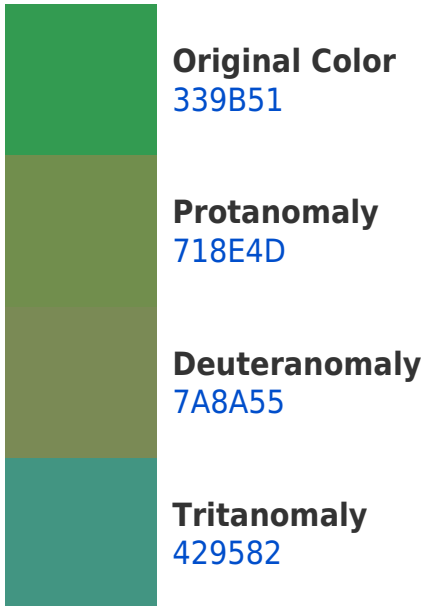
## Dichromacy



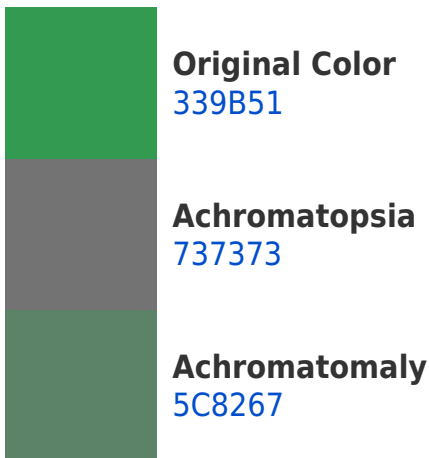


**Tritanopia**  
4B929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 339B51 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 #339B51 looks like.

```
.text, #text, p{  
    color:#339B51  
}
```

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 #339B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339B51
}
```

## Border

The CSS property to change the border of an element to Hex 339B51 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
#339B51 }
```

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

```
.border{ border-color:#339B51 }
```

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

Here you see how a box with a 4 pixel #339B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339B51; -webkit-box-shadow:4px 4px  
4px 4px #339B51; box-shadow:4px 4px 4px  
4px #339B51 }
```

# Background

The CSS property to change the background color of an element to Hex 339B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339B51 }
```

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

```
.background{ background-color:#339B51 }
```

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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