

Converting Colors

Hex(339258)

Have a look what the booklet for
Hex(339258) contains.

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Color

Hex(339258)

Conversions

Conversions Part 1

Format	Color
Hex	339258
RGB	51, 146, 88
RGB Percent	20%, 57%, 35%
CMY	0.8000, 0.4275, 0.6549
CMYK	0.65, 0.00, 0.40, 0.43
HSL	143°, 48%, 39%
HSV	143°, 65%, 57%
XYZ	13.4056, 21.9662, 12.7659
YIQ	110.9830, -38.0020, -38.1780

Conversions

Conversions Part 2

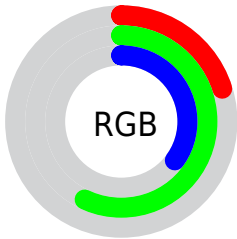
Format	Color
RYB	51, 119, 146
Decimal	3379800
CIELab	53.99, -41.42, 22.79
CIElCh	54, 47.273, 151.182
Yxy	21.9662, 0.2785, 0.4563
Android (android.graphics.Color)	4281569880 (0xFF339258)
YUV	110.9830, -11.3306, -52.6051
Hunter-Lab	46.8681, -30.9631, 16.6583

Details

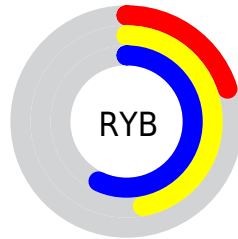
The Hex color **339258** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **92336D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6CC98A**, and **005E29** is the 20% darker color. If you saturate the color by 10%, you get **24924F**, and if you desaturate by 10%, it is **429261**.

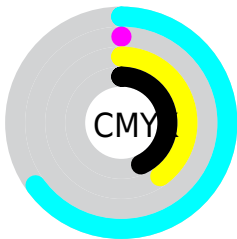
Distribution



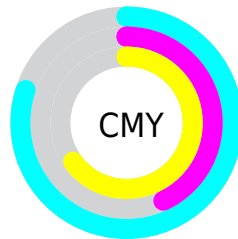
- Red (20%)
- Green (57%)
- Blue (35%)



- Red (20%)
- Yellow (47%)
- Blue (57%)



- Cyan (65%)
- Magenta (0%)
- Yellow (40%)
- Black (43%)



- Cyan (80%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 339258 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 339258 by changing the saturation by 10% instead.



339258



339258

FFFFFF



0D7840



6CC98A



005E29



88E5A5



004613



A4FFC0



002F00



C0FFDC



001600



D0FFF9



000000



FBFFFF



339258



339258



24924F



429261

■ 169246

■ 50926A

■ 07923D

■ 5F9273

■ 009239

■ 6D927C

■ 7C9285

■ 8B928D

■ 999296

■ A8929F

■ B692A8

Harmonies

Analogous

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



6D8B37



339258



009581

Triad

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



339258



2B85D3



CA6259

Complementary

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



339258



92336D

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.



CA5D81



339258



8576C7

Square

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



339258



008FC8



B465A9



B67039

Rectangle

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



339258



00959D



B465A9



CC5F66

Sweetspot

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



339258



97BDA6



6E9233



485E51



DEDEDE



5E5E5E

Same Dimension

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



339258



2ABD63



339287



434A45



008A36



000A04

Inverse Universe

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



92336D



BD2A83



92333E



4A4347



8A0054



0A0006

Previews

White Background



This preview shows how the Hex color 339258 looks on a white background.

Color Contrast Check

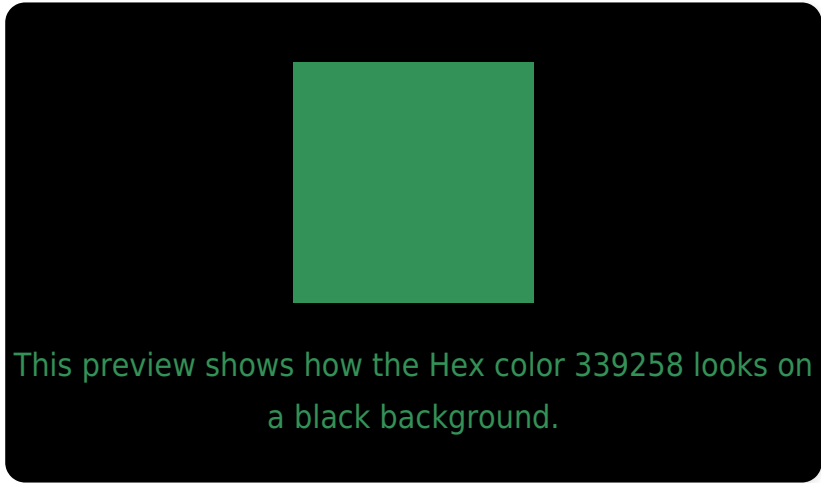
Large Text (above 18pt) WCAG AA ✓ Pass

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

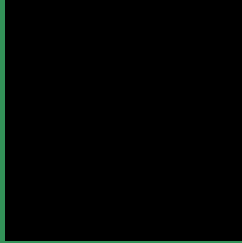
Any Text WCAG AA ✓ Pass

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 339258 Background



This preview shows how black text looks on a background with the Hex color 339258.



This preview shows how white text looks on a background with the Hex color 339258.

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
478B96

Trichromacy



Original Color
339258



Protanomaly
6C8754



Deuteranomaly
73835B



Tritanomaly
408E7F

Monochromacy



Original Color
339258



Achromatopsia
6F6F6F



Achromatomaly
597C67

CSS Examples

Text

The CSS property to change the color of the text to Hex 339258 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 #339258 looks like.

```
.text, #text, p{  
    color:#339258  
}
```

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 #339258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #339258
}
```

Border

The CSS property to change the border of an element to Hex 339258 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
#339258 }
```

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

```
.border{ border-color:#339258 }
```

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

Here you see how a box with a 4 pixel #339258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #339258; -webkit-box-shadow:4px 4px  
4px 4px #339258; box-shadow:4px 4px 4px  
4px #339258 }
```

Background

The CSS property to change the background color of an element to Hex 339258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#339258 }
```

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

```
.background{ background-color:#339258 }
```

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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