

Converting Colors

Hex(349C58)

Have a look what the booklet for
Hex(349C58) contains.

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Color

Hex(349C58)

Conversions

Conversions Part 1

Format	Color
Hex	349C58
RGB	52, 156, 88
RGB Percent	20%, 61%, 35%
CMY	0.7961, 0.3882, 0.6549
CMYK	0.67, 0.00, 0.44, 0.39
HSL	141°, 50%, 41%
HSV	141°, 67%, 61%
XYZ	15.0661, 25.2116, 13.3048
YIQ	117.1520, -40.1560, -43.1960

Conversions

Conversions Part 2

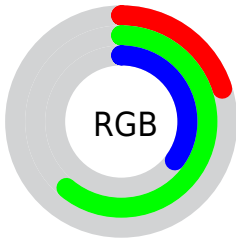
Format	Color
RYB	52, 129, 156
Decimal	3447896
CIELab	57.28, -45.27, 27.10
CIELCh	57, 52.761, 149.093
Yxy	25.2116, 0.2812, 0.4705
Android (android.graphics.Color)	4281637976 (0xFF349C58)
YUV	117.1520, -14.3719, -57.1383
Hunter-Lab	50.2111, -34.3097, 19.4373

Details

The Hex color **349C58** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9C3478**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6FD38B**, and **006829** is the 20% darker color. If you saturate the color by 10%, you get **249C4E**, and if you desaturate by 10%, it is **449C62**.

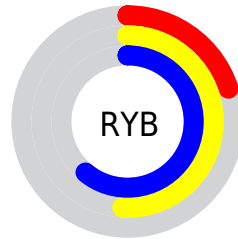
Distribution



Red (20%)

Green (61%)

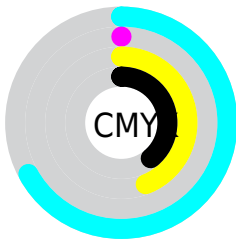
Blue (35%)



Red (20%)

Yellow (51%)

Blue (61%)

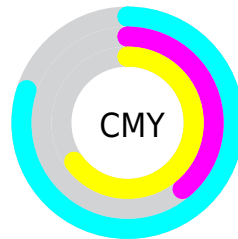


Cyan (67%)

Magenta (0%)

Yellow (44%)

Black (39%)



Cyan (80%)

Magenta (39%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349C58 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 349C58 by changing the saturation by 10% instead.

 349C58

 349C58

FFFFFF

 0A8140

 6FD38B

 006829

 8BF0A5

 004F12

 A7FFC1

 003600

 C4FFDD

 002100

 E1FFF9

 000000

 349C58

 349C58

 249C4E

 449C62

 159C44

 539C6C

059C39

639C77

009C36

729C81

829C8B

929C95

A19C9F

B19CAA

C09CB4

Harmonies

Analogous

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



769433



349C58



00A087

Triad

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



349C58



008FE6



DB655F

Complementary

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



349C58



9C3478

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.



DB5F8D



349C58



887EDA

Square

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



349C58



009AD8



C06BBA



C7753A

Rectangle

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



349C58



00A0A6



C06BBA



DE616E

Sweetspot

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



349C58



A3CCB1



799C34



4E6656



E6E6E6



666666

Same Dimension

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



349C58



29CC61



349C8B



474F4A



008F31



000F05

Inverse Universe

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



9C3478



CC2994



9C3445



4F474C



8F005D



0F000A

Previews

White Background



This preview shows how the Hex color 349C58 looks on a white background.

Color Contrast Check

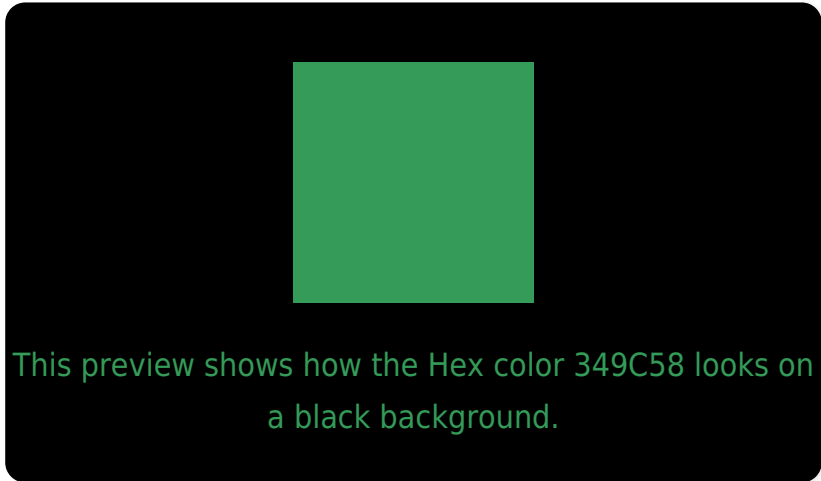
Large Text (above 18pt) WCAG AA ✓ Pass

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

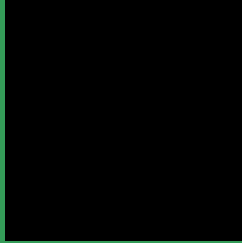
Any Text WCAG AA ✓ Pass

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 349C58 Background



This preview shows how black text looks on a background with the Hex color 349C58.



This preview shows how white text looks on a background with the Hex color 349C58.

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](#).

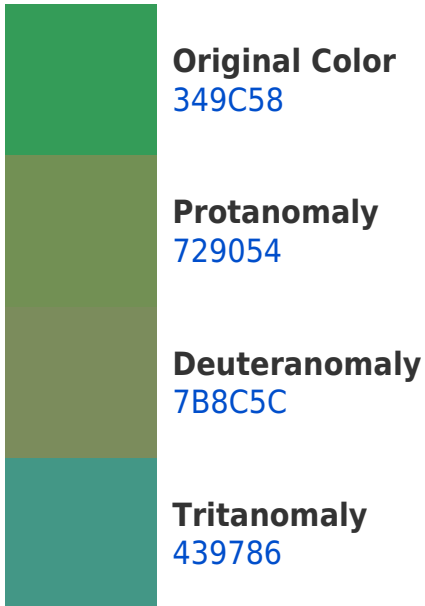
Dichromacy



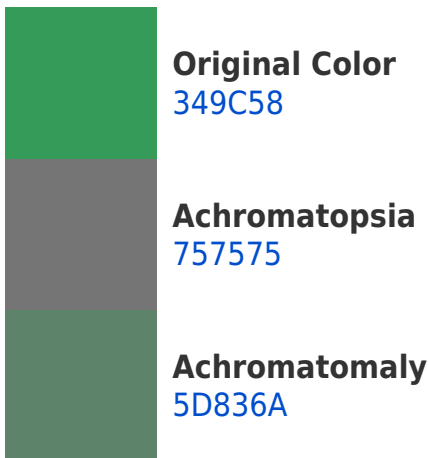


Tritanopia
4B94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349C58 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 #349C58 looks like.

```
.text, #text, p{  
    color:#349C58  
}
```

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 #349C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349C58
}
```

Border

The CSS property to change the border of an element to Hex 349C58 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
#349C58 }
```

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

```
.border{ border-color:#349C58 }
```

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

Here you see how a box with a 4 pixel #349C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349C58; -webkit-box-shadow:4px 4px  
4px 4px #349C58; box-shadow:4px 4px 4px  
4px #349C58 }
```

Background

The CSS property to change the background color of an element to Hex 349C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349C58 }
```

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

```
.background{ background-color:#349C58 }
```

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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