

Converting Colors

Hex(349B7C)

Have a look what the booklet for
Hex(349B7C) contains.

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Color

Hex(349B7C)

Conversions

Conversions Part 1

Format	Color
Hex	349B7C
RGB	52, 155, 124
RGB Percent	20%, 61%, 49%
CMY	0.7961, 0.3922, 0.5137
CMYK	0.66, 0.00, 0.20, 0.39
HSL	162°, 50%, 41%
HSV	162°, 66%, 61%
XYZ	16.7756, 25.6280, 23.1313
YIQ	120.6690, -51.4370, -31.4770

Conversions

Conversions Part 2

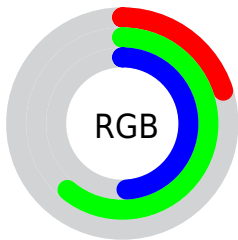
Format	Color
RYB	52, 113, 155
Decimal	3447676
CIELab	57.68, -37.13, 7.70
CIELCh	58, 37.918, 168.282
Yxy	25.6280, 0.2560, 0.3911
Android (android.graphics.Color)	4281637756 (0xFF349B7C)
YUV	120.6690, 1.6422, -60.2227
Hunter-Lab	50.6241, -29.4416, 8.3459

Details

The Hex color **349B7C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B3453**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6FD2B1**, and **00674B** is the 20% darker color. If you saturate the color by 10%, you get **259B77**, and if you desaturate by 10%, it is **439B81**.

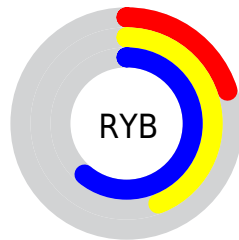
Distribution



Red (20%)

Green (61%)

Blue (49%)



Red (20%)

Yellow (44%)

Blue (61%)

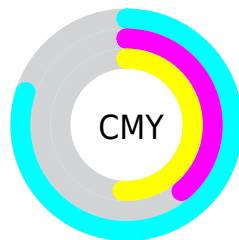


Cyan (66%)

Magenta (0%)

Yellow (20%)

Black (39%)



Cyan (80%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349B7C 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 349B7C by changing the saturation by 10% instead.



349B7C



349B7C

FFFFFF



0A8163



6FD2B1



00674B



8BEFCC



004E35



A7FFE8



00361F



C4FFFF



002208



E2FFFF



000000



349B7C



349B7C



259B77



439B81



159B73



539B85

069B6E

629B8A

009B6C

729B8F

829B93

919B98

A09B9D

B09BA1

BF9BA6

Harmonies

Analogous

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



65975D



349B7C



009C9E

Triad

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



349B7C



7A87C9



C1785A

Complementary

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



349B7C



9B3453

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.



CA7177



349B7C



A77AB7

Square

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



349B7C



3892CB



C27199



AB8449

Rectangle

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



349B7C



009AB3



C27199



C67563

Sweetspot

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



349B7C



A1C9BD



559B34



4E665F



E6E6E6



666666

Same Dimension

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



349B7C



28C999



34889B



454D4A



008C62



000D09

Inverse Universe

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



9B3453



C92859



9B4734



4D4547



8C002A



0D0004

Previews

White Background



This preview shows how the Hex color 349B7C looks on a white background.

Color Contrast Check

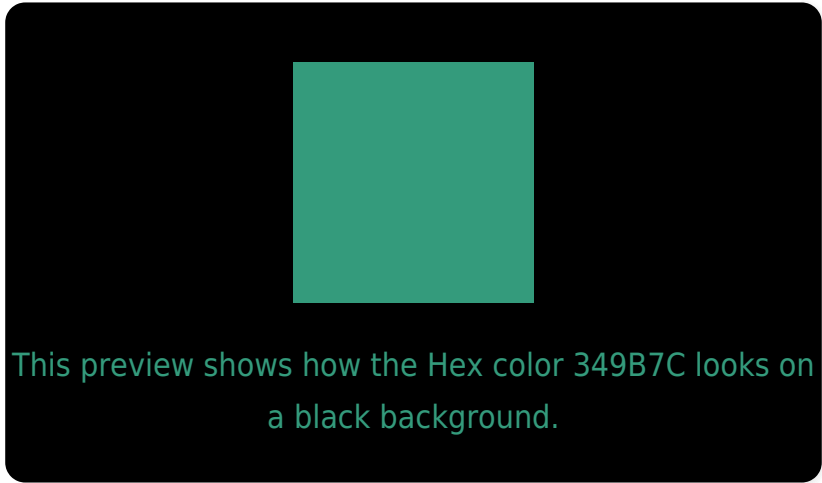
Large Text (above 18pt) WCAG AA ✓ Pass

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

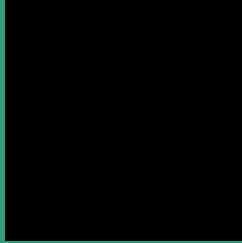
Any Text WCAG AA ✓ Pass

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 349B7C Background



This preview shows how black text looks on a background with the Hex color 349B7C.

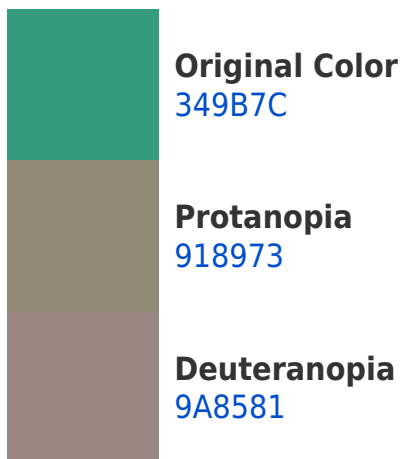


This preview shows how white text looks on a background with the Hex color 349B7C.

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
4496A2

Trichromacy



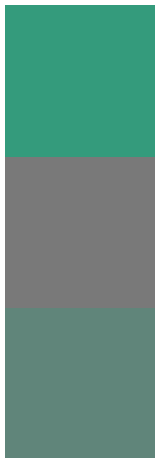
Original Color
349B7C

Protanomaly
6F9076

Deuteranomaly
758D7F

Tritanomaly
3E9894

Monochromacy



Original Color
349B7C

Achromatopsia
797979

Achromatomaly
60857A

CSS Examples

Text

The CSS property to change the color of the text to Hex 349B7C 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 #349B7C looks like.

```
.text, #text, p{  
    color:#349B7C  
}
```

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 #349B7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349B7C
}
```

Border

The CSS property to change the border of an element to Hex 349B7C 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
#349B7C }
```

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

```
.border{ border-color:#349B7C }
```

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

Here you see how a box with a 4 pixel #349B7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349B7C; -webkit-box-shadow:4px 4px  
4px 4px #349B7C; box-shadow:4px 4px 4px  
4px #349B7C }
```

Background

The CSS property to change the background color of an element to Hex 349B7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349B7C }
```

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

```
.background{ background-color:#349B7C }
```

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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