

Converting Colors

Hex(349786)

Have a look what the booklet for
Hex(349786) contains.

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Color

Hex(349786)

Conversions

Conversions Part 1

Format	Color
Hex	349786
RGB	52, 151, 134
RGB Percent	20%, 59%, 53%
CMY	0.7961, 0.4078, 0.4745
CMYK	0.66, 0.00, 0.11, 0.41
HSL	170°, 49%, 40%
HSV	170°, 66%, 59%
XYZ	16.7859, 24.5845, 26.4148
YIQ	119.4610, -53.5470, -26.2750

Conversions

Conversions Part 2

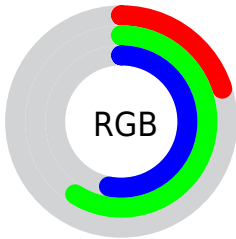
Format	Color
RYB	52, 106, 151
Decimal	3446662
CIELab	56.67, -32.70, 0.55
CIELCh	57, 32.705, 179.029
Yxy	24.5845, 0.2476, 0.3627
Android (android.graphics.Color)	4281636742 (0xFF349786)
YUV	119.4610, 7.1677, -59.1633
Hunter-Lab	49.5828, -26.3401, 3.1217




Details

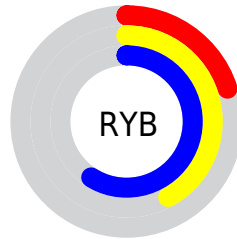
The Hex color **349786** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **973445**, and the grayscale version is **777777**.




A 20% lighter version of the original color is **6FCEBB**, and **006355** is the 20% darker color. If you saturate the color by 10%, you get **259783**, and if you desaturate by 10%, it is **439789**.

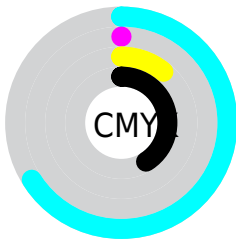
Distribution







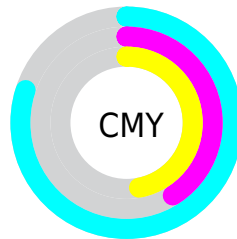
-  Red (20%)
-  Green (59%)
-  Blue (53%)






-  Red (20%)
-  Yellow (42%)
-  Blue (59%)



-  Cyan (66%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (41%)



-  Cyan (80%)
-  Magenta (41%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349786 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 349786 by changing the saturation by 10% instead.

■ 349786

■ 349786

FFFFFF

■ 0A7D6D

■ 6FCEBB

■ 006355

■ 8BEAD7

■ 004B3D

■ A7FFF3

■ 003328

■ C4FFFF

■ 002013

■ E1FFFF

■ 000000

■ 349786

■ 349786

■ 259783

■ 439789

■ 169781

■ 52978B

07977E

61978E

00977D

709790

809793

8F9796

9E9798

AD979B

BC979D

Harmonies

Analogous

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



5C946A



349786



0096A3

Triad

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



349786



8A81BA



B27C58

Complementary

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



349786



973445

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.



BE746E



349786



AB77A6

Square

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



349786



5C8BC0



BD728A



9B864E

Rectangle

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



349786



1094B2



BD728A



B8795E

Sweetspot

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



349786



9DC4BE



469734



4C635F



E3E3E3



636363

Same Dimension

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



349786



29C4AA



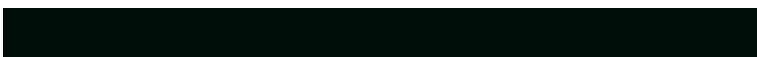
347897



454D4B



008C74



000D0B

Inverse Universe

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



973445



C42944



975334



4D4546



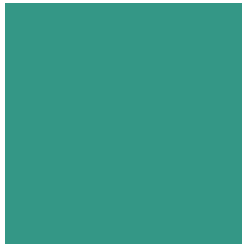
8C0018



0D0002

Previews

White Background



This preview shows how the Hex color 349786 looks on a white background.

Color Contrast Check

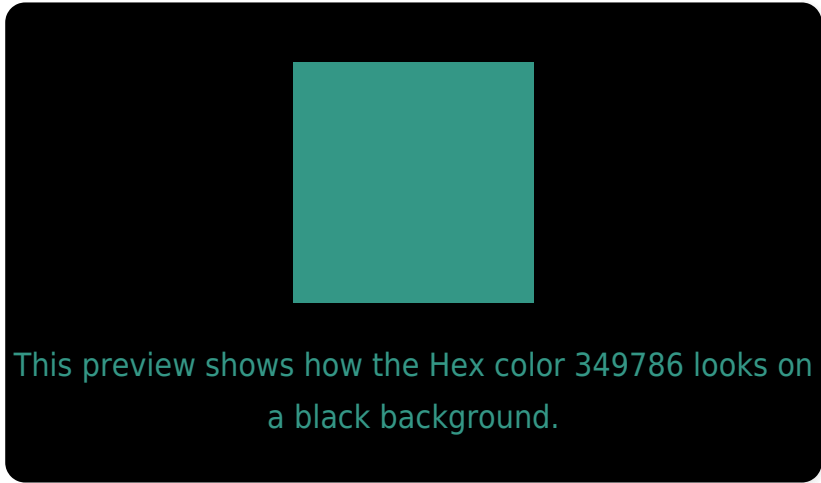
Large Text (above 18pt) WCAG AA ✓ Pass

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

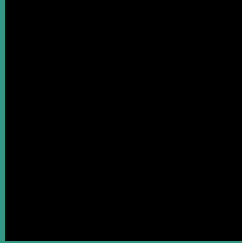
Any Text WCAG AA ✓ Pass

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 349786 Background



This preview shows how black text looks on a background with the Hex color 349786.

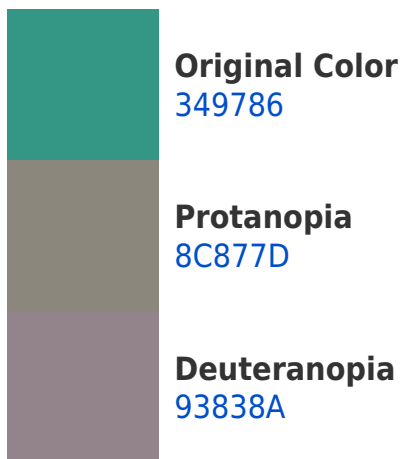


This preview shows how white text looks on a background with the Hex color 349786.

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](#).

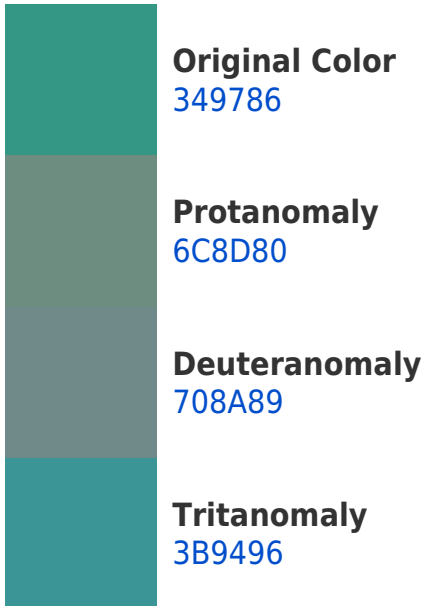
Dichromacy





Tritanopia
3F939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349786 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 #349786 looks like.

```
.text, #text, p{  
    color:#349786  
}
```

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 #349786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349786
}
```

Border

The CSS property to change the border of an element to Hex 349786 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
#349786 }
```

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

```
.border{ border-color:#349786 }
```

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

Here you see how a box with a 4 pixel #349786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349786; -webkit-box-shadow:4px 4px  
4px 4px #349786; box-shadow:4px 4px 4px  
4px #349786 }
```

Background

The CSS property to change the background color of an element to Hex 349786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349786 }
```

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

```
.background{ background-color:#349786 }
```

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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