

Converting Colors

Hex(349C90)

Have a look what the booklet for
Hex(349C90) contains.

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Color

Hex(349C90)

Conversions

Conversions Part 1

Format	Color
Hex	349C90
RGB	52, 156, 144
RGB Percent	20%, 61%, 56%
CMY	0.7961, 0.3882, 0.4353
CMYK	0.67, 0.00, 0.08, 0.39
HSL	173°, 50%, 41%
HSV	173°, 67%, 61%
XYZ	18.3387, 26.5206, 30.5380
YIQ	123.5360, -58.1320, -25.7800

Conversions

Conversions Part 2

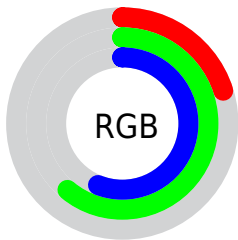
Format	Color
RYB	52, 107, 156
Decimal	3447952
CIELab	58.53, -32.32, -2.42
CIELCh	59, 32.410, 184.280
Yxy	26.5206, 0.2432, 0.3517
Android (android.graphics.Color)	4281638032 (0xFF349C90)
YUV	123.5360, 10.0888, -62.7371
Hunter-Lab	51.4982, -26.5573, 0.8902

Details

The Hex color **349C90** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C3440**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **70D3C6**, and **00685E** is the 20% darker color. If you saturate the color by 10%, you get **249C8E**, and if you desaturate by 10%, it is **449C92**.

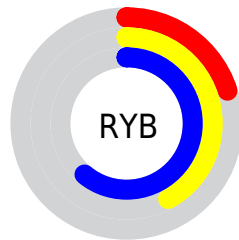
Distribution



Red (20%)

Green (61%)

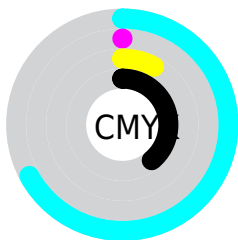
Blue (56%)



Red (20%)

Yellow (42%)

Blue (61%)

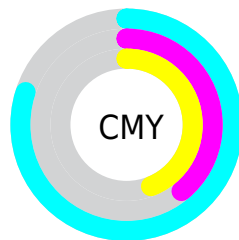


Cyan (67%)

Magenta (0%)

Yellow (8%)

Black (39%)



Cyan (80%)

Magenta (39%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349C90 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 349C90 by changing the saturation by 10% instead.

 349C90

 349C90

FFFFFF

 068276

 70D3C6

 00685E

 8DF0E2

 004F46

 A9FFFE

 003830

 C6FFFF

 00231B

 E4FFFF

 000000

 349C90

 349C90

 249C8E

 449C92

 159C8C

 539C94

059C8B

639C95

009C8A

729C97

829C99

929C9B

A19C9D

B19C9E

C09CA0

Harmonies

Analogous

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



5B9A73



349C90



149BAC

Triad

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



349C90



9584BC



B4835A

Complementary

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



349C90



9C3440

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.



C27A6E



349C90



B47BA6

Square

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



349C90



6A8EC5



C3778A



9C8C54

Rectangle

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



349C90



2898BA



C3778A



BA7F60

Sweetspot

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



349C90



A3CCC7



409C34



4E6663



E6E6E6



666666

Same Dimension

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



349C90



29CCB9



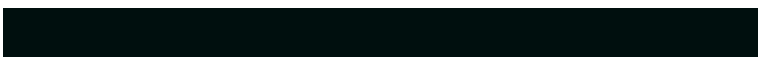
34749C



474F4E



008F7E



000F0E

Inverse Universe

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



9C3440



CC293C



9C5C34



4F4748



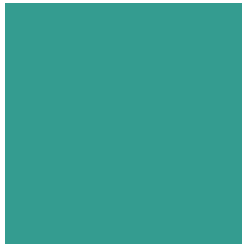
8F0010



0F0002

Previews

White Background



This preview shows how the Hex color 349C90 looks on a white background.

Color Contrast Check

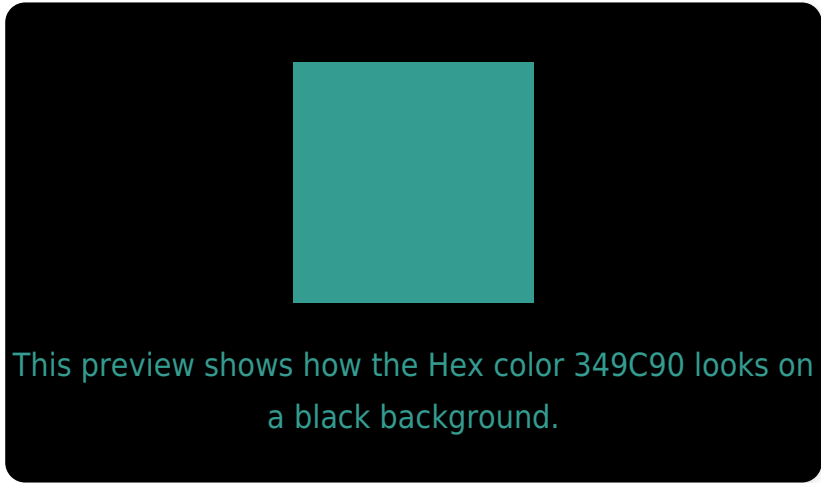
Large Text (above 18pt) WCAG AA ✓ Pass

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

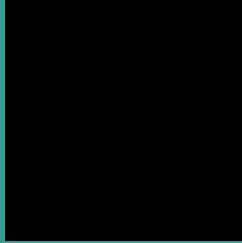
Any Text WCAG AA ✓ Pass

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 349C90 Background



This preview shows how black text looks on a background with the Hex color 349C90.

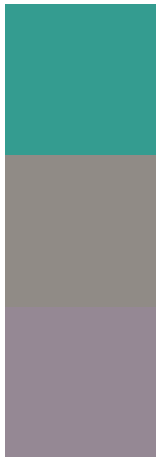


This preview shows how white text looks on a background with the Hex color 349C90.

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](#).

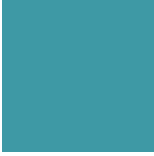
Dichromacy



Original Color
349C90

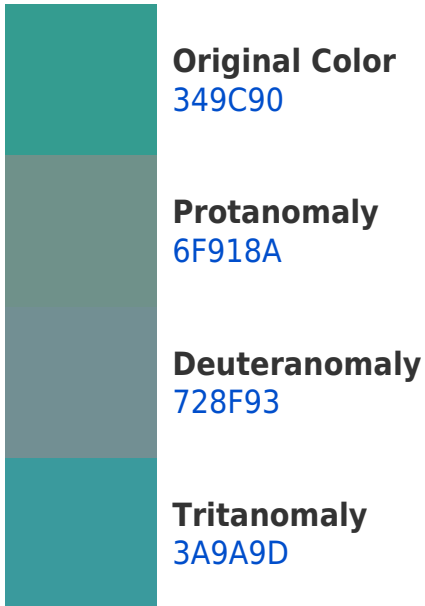
Protanopia
908B86

Deuteranopia
958894

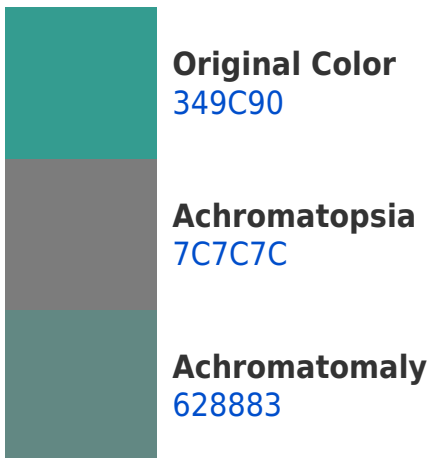


Tritanopia
3E99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349C90 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 #349C90 looks like.

```
.text, #text, p{  
    color:#349C90  
}
```

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 #349C90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349C90
}
```

Border

The CSS property to change the border of an element to Hex 349C90 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
#349C90 }
```

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

```
.border{ border-color:#349C90 }
```

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

Here you see how a box with a 4 pixel #349C90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349C90; -webkit-box-shadow:4px 4px  
4px 4px #349C90; box-shadow:4px 4px 4px  
4px #349C90 }
```

Background

The CSS property to change the background color of an element to Hex 349C90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349C90 }
```

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

```
.background{ background-color:#349C90 }
```

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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