

Converting Colors

Hex(349F90)

Have a look what the booklet for
Hex(349F90) contains.

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Color

Hex(349F90)

Conversions

Conversions Part 1

Format	Color
Hex	349F90
RGB	52, 159, 144
RGB Percent	20%, 62%, 56%
CMY	0.7961, 0.3765, 0.4353
CMYK	0.67, 0.00, 0.09, 0.38
HSL	172°, 51%, 41%
HSV	172°, 67%, 62%
XYZ	18.8484, 27.5400, 30.7079
YIQ	125.2970, -58.9570, -27.3490

Conversions

Conversions Part 2

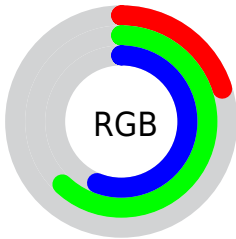
Format	Color
R_{YB}	52, 110, 159
Decimal	3448720
CIE _{Lab}	59.47, -33.73, -1.04
CIE _{LCh}	59, 33.747, 181.758
Yxy	27.5400, 0.2445, 0.3572
Android (android.graphics.Color)	4281638800 (0xFF349F90)
YUV	125.2970, 9.2206, -64.2815
Hunter-Lab	52.4785, -27.7268, 2.0413

Details

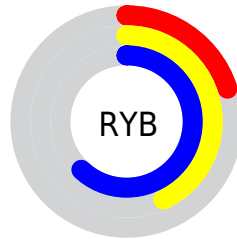
The Hex color **349F90** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F3443**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **70D6C6**, and **006B5E** is the 20% darker color. If you saturate the color by 10%, you get **249F8E**, and if you desaturate by 10%, it is **449F92**.

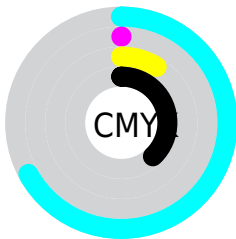
Distribution



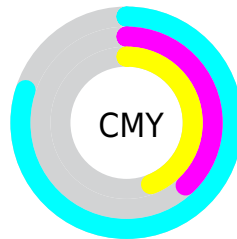
- Red (20%)
- Green (62%)
- Blue (56%)



- Red (20%)
- Yellow (43%)
- Blue (62%)



- Cyan (67%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (80%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349F90 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 349F90 by changing the saturation by 10% instead.



349F90



349F90

FFFFFF



048476



70D6C6



006B5E



8DF3E2



005246



AAFFFE



003A30



C7FFFF



00251B



E4FFFF



000000



349F90



349F90



249F8E



449F92



149F8C



549F94

■ 049F89

■ 649F97

■ 009F89

■ 749F99

■ 849F9B

■ 939F9D

■ A39FA0

■ B39FA2

■ C39FA4

Harmonies

Analogous

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



5E9C72



349F90



019EAD

Triad

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



349F90



9587C2



B9845C

Complementary

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



349F90



9F3443

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.



C77B71



349F90



B67DAC

Square

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



349F90



6792CA



C7788F



A18E53

Rectangle

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



349F90



1B9CBD



C7788F



BF8062

Sweetspot

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



349F90



A5CFC9



449F34



4F6965



E8E8E8



696969

Same Dimension

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



349F90



27CFB7



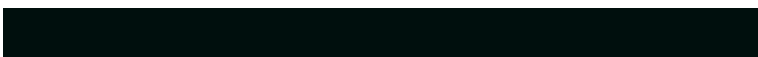
347A9F



474F4E



008F7B



000F0D

Inverse Universe

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



9F3443



CF273F



9F5934



4F4748



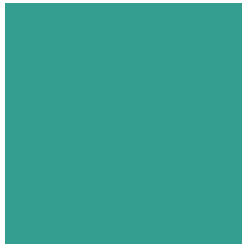
8F0014



0F0002

Previews

White Background



This preview shows how the Hex color 349F90 looks on a white background.

Color Contrast Check

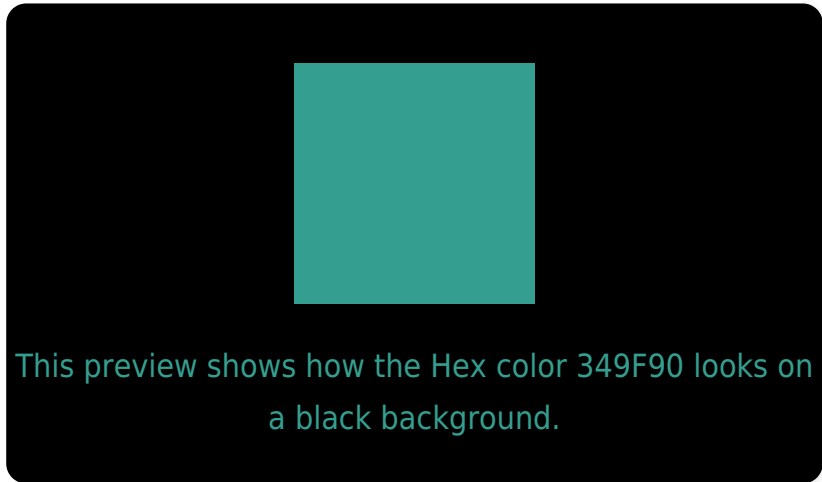
Large Text (above 18pt) WCAG AA ✓ Pass

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 349F90 Background



This preview shows how black text looks on a background with the Hex color 349F90.

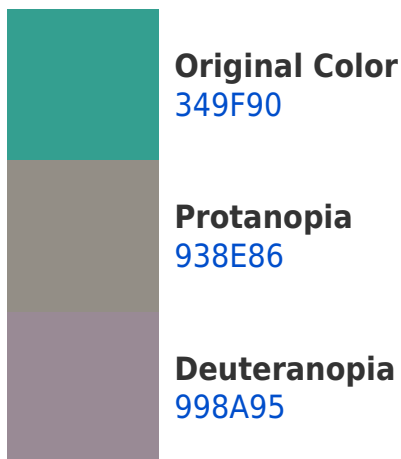


This preview shows how white text looks on a background with the Hex color 349F90.

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](#).

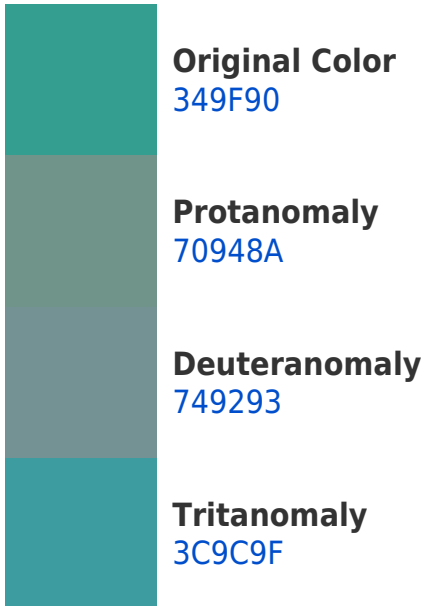
Dichromacy



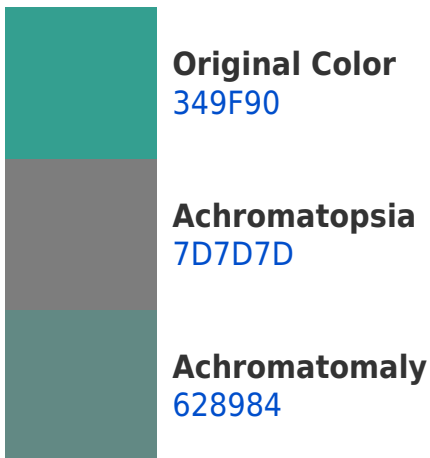


Tritanopia
409BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349F90 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 #349F90 looks like.

```
.text, #text, p{  
    color:#349F90  
}
```

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 #349F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349F90
}
```

Border

The CSS property to change the border of an element to Hex 349F90 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
#349F90 }
```

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

```
.border{ border-color:#349F90 }
```

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

Here you see how a box with a 4 pixel #349F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349F90; -webkit-box-shadow:4px 4px  
4px 4px #349F90; box-shadow:4px 4px 4px  
4px #349F90 }
```

Background

The CSS property to change the background color of an element to Hex 349F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349F90 }
```

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

```
.background{ background-color:#349F90 }
```

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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