

Converting Colors

Hex(349400)

Have a look what the booklet for
Hex(349400) contains.

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Color

Hex(349400)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 349400 |
| RGB | 52, 148, 0 |
| RGB Percent | 20%, 58%, 0% |
| CMY | 0.7961, 0.4196, 1.0000 |
| CMYK | 0.65, 0.00, 1.00, 0.42 |
| HSL | 99°, 100%, 29% |
| HSV | 99°, 100%, 58% |
| XYZ | 12.0061, 21.9099, 3.5962 |
| YIQ | 102.4240, -9.7080, -66.3800 |

Conversions

Conversions Part 2

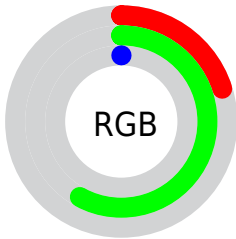
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 148, 96 |
| Decimal | 3445760 |
| CIELab | 53.93, -50.55, 56.40 |
| CIELCh | 54, 75.741, 131.870 |
| Yxy | 21.9099, 0.3201, 0.5841 |
| Android (android.graphics.Color) | 4281635840 (0xFF349400) |
| YUV | 102.4240, -50.4950, -44.2218 |
| Hunter-Lab | 46.8080, -36.1294, 28.2104 |

Details

The Hex color **349400** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **600094**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **70CB45**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **349400**, and if you desaturate by 10%, it is **3E940F**.

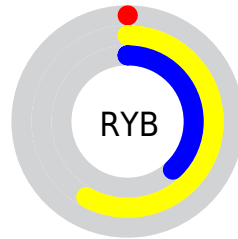
Distribution



Red (20%)

Green (58%)

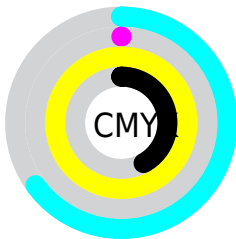
Blue (0%)



Red (0%)

Yellow (58%)

Blue (38%)

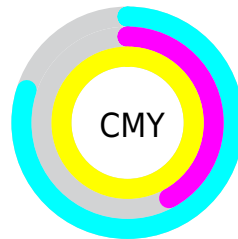


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (80%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349400 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 349400 by changing the saturation by 10% instead.

 349400

 349400

FFFFFF

 077A00

 70CB45

 006000

 8DE860

 004700

 AAFF7B

 003000

 C7FF96

 001600

 E4FFB2

 000000

 FFFFCF

 FFFFEC

 349400

 3E940F

 47941E


 51942C

 5A943B

 64944A

 6E9459

 779468

 819476

 8A9485

Harmonies

Analogous

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



848600



349400



009B55

Triad

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



349400



0093FE



F22E6A

Complementary

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



349400



600094

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.



E03BAB



349400



0081FF

Square

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



349400



009CD7



A262E3



E34E2B

Rectangle

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



349400



009D83



A262E3



F02C80

Sweetspot

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



349400



9ABF86



945E00



4A613E



E0E0E0



616161

Same Dimension

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



349400



43BF00



009414



454A43



308A00



040A00

Inverse Universe

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



600094



7C00BF



940080



47434A



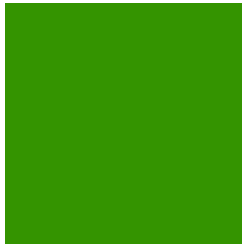
59008A



07000A

Previews

White Background



This preview shows how the Hex color 349400 looks on a white background.

Color Contrast Check

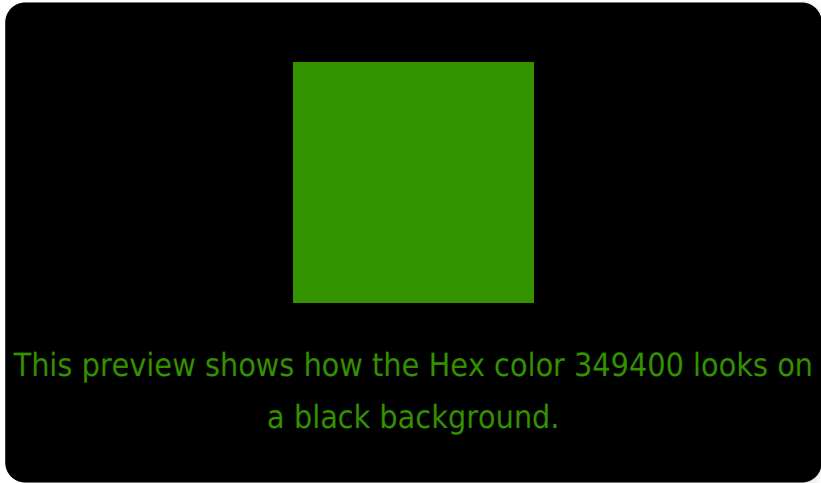
Large Text (above 18pt) WCAG AA ✓ Pass

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 349400 Background



This preview shows how black text looks on a background with the Hex color 349400.

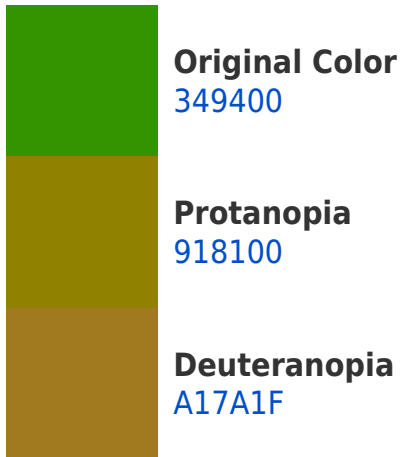


This preview shows how white text looks on a background with the Hex color 349400.

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](#).

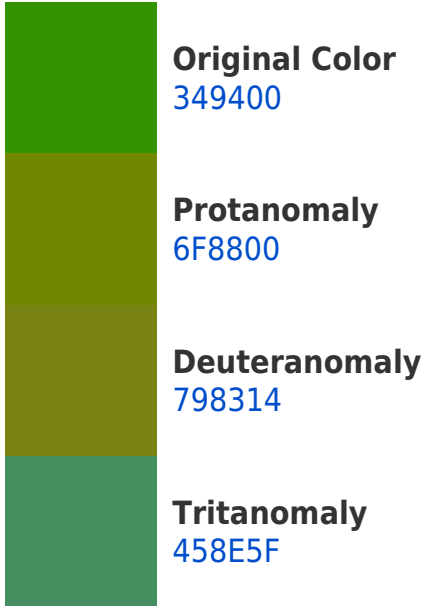
Dichromacy



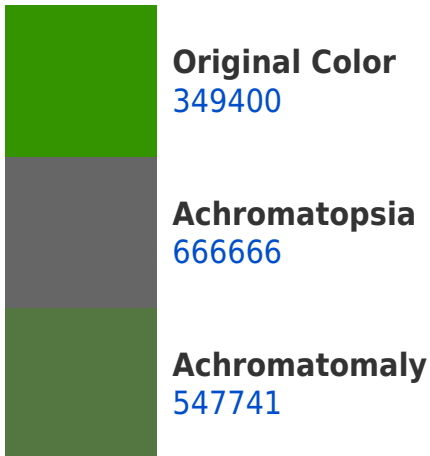


Tritanopia
4F8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349400 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 #349400 looks like.

```
.text, #text, p{  
    color:#349400  
}
```

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 #349400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349400
}
```

Border

The CSS property to change the border of an element to Hex 349400 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
#349400 }
```

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

```
.border{ border-color:#349400 }
```

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

Here you see how a box with a 4 pixel #349400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349400; -webkit-box-shadow:4px 4px  
4px 4px #349400; box-shadow:4px 4px 4px  
4px #349400 }
```

Background

The CSS property to change the background color of an element to Hex 349400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349400 }
```

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

```
.background{ background-color:#349400 }
```

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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