

Converting Colors

Hex(349200)

Have a look what the booklet for
Hex(349200) contains.

Hex(349200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(349200)

Conversions

Conversions Part 1

Format	Color
Hex	349200
RGB	52, 146, 0
RGB Percent	20%, 57%, 0%
CMY	0.7961, 0.4275, 1.0000
CMYK	0.64, 0.00, 1.00, 0.43
HSL	99°, 100%, 29%
HSV	99°, 100%, 57%
XYZ	11.6951, 21.2878, 3.4926
YIQ	101.2500, -9.1580, -65.3340

Conversions

Conversions Part 2

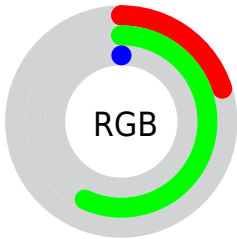
Format	Color
RYB	0, 146, 94
Decimal	3445248
CIELab	53.26, -49.86, 55.87
CIELCh	53, 74.884, 131.744
Yxy	21.2878, 0.3206, 0.5836
Android (android.graphics.Color)	4281635328 (0xFF349200)
YUV	101.2500, -49.9162, -43.1923
Hunter-Lab	46.1387, -35.4973, 27.8090

Details

The Hex color **349200** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5E0092**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **70C944**, and **005E00** is the 20% darker color. If you saturate the color by 10%, you get **349200**, and if you desaturate by 10%, it is **3D920F**.

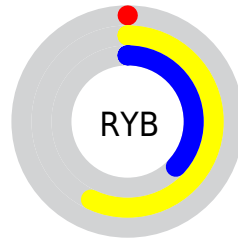
Distribution



Red (20%)

Green (57%)

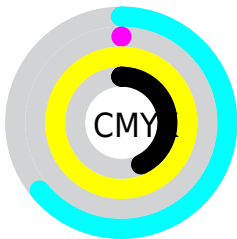
Blue (0%)



Red (0%)

Yellow (57%)

Blue (37%)

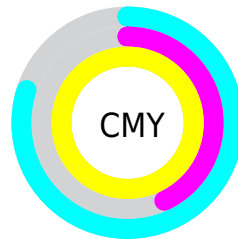


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (80%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 349200 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 349200 by changing the saturation by 10% instead.

 349200

 349200

FFFFFF

 087800

 70C944

 005E00

 8CE55F

 004500

 A9FF7A

 002F00

 C6FF96

 001400

 E4FFB2

 000000

 FFFFCE

 FFFFEB

 349200

 3D920F

 47921D

 50922C

 5A923A

 639249

 6C9258

 769266

 7F9275

 899283

Harmonies

Analogous

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



838400



349200



009954

Triad

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



349200



0091FB



EF2E69

Complementary

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



349200



5E0092

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.



DD3BA9



349200



007FFF

Square

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



349200



009AD4



A060E1



E04C2B

Rectangle

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



349200



009B81



A060E1



ED2C7E

Sweetspot

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



349200



98BD84



925C00



485E3C



DEDEDE



5E5E5E

Same Dimension

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



349200



43BD00



009213



454A43



318A00



040A00

Inverse Universe

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



5E0092



7900BD



92007F



47434A



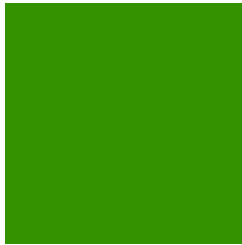
59008A



07000A

Previews

White Background



This preview shows how the Hex color 349200 looks on a white background.

Color Contrast Check

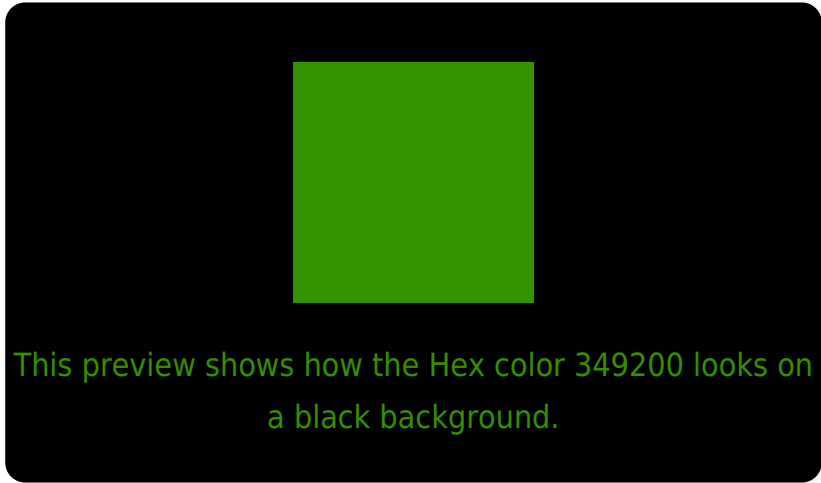
Large Text (above 18pt) WCAG AA ✓ Pass

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 349200 Background



This preview shows how black text looks on a background with the Hex color 349200.



This preview shows how white text looks on a background with the Hex color 349200.

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
349200

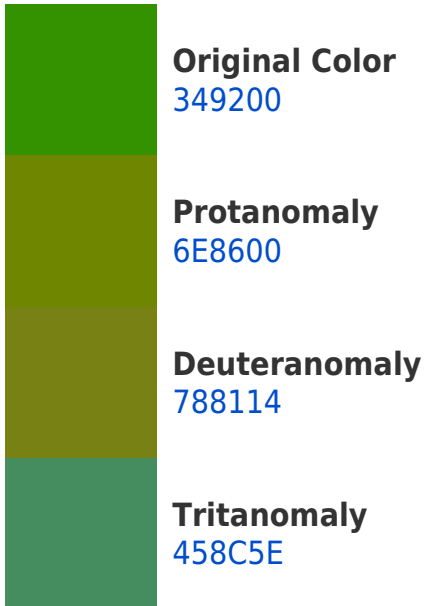
Protanopia
8F7F00

Deuteranopia
9F781F

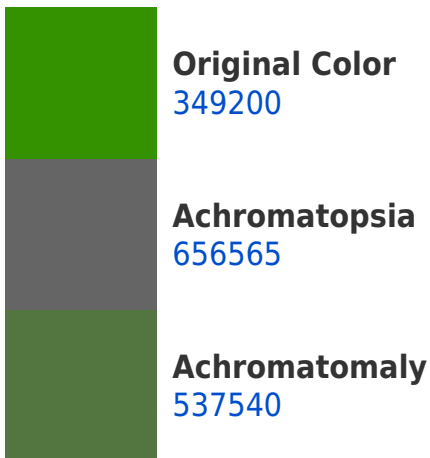


Tritanopia
4E8893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 349200 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 #349200 looks like.

```
.text, #text, p{  
    color:#349200  
}
```

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 #349200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #349200
}
```

Border

The CSS property to change the border of an element to Hex 349200 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
#349200 }
```

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

```
.border{ border-color:#349200 }
```

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

Here you see how a box with a 4 pixel #349200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #349200; -webkit-box-shadow:4px 4px  
4px 4px #349200; box-shadow:4px 4px 4px  
4px #349200 }
```

Background

The CSS property to change the background color of an element to Hex 349200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#349200 }
```

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

```
.background{ background-color:#349200 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor