

# Converting Colors

Hex(549400)

Have a look what the booklet for  
Hex(549400) contains.

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**Color**

**Hex(549400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	549400
RGB	84, 148, 0
RGB Percent	33%, 58%, 0%
CMY	0.6706, 0.4196, 1.0000
CMYK	0.43, 0.00, 1.00, 0.42
HSL	86°, 100%, 29%
HSV	86°, 100%, 58%
XYZ	14.2461, 23.0646, 3.7011
YIQ	111.9920, 9.3640, -59.5960

# Conversions

## Conversions Part 2

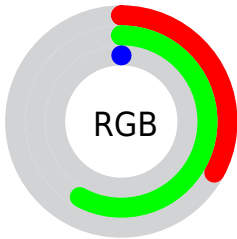
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 148, 64
Decimal	5542912
CIELab	55.14, -41.04, 57.87
CIELCh	55, 70.940, 125.343
Yxy	23.0646, 0.3474, 0.5624
Android (android.graphics.Color)	4283732992 (0xFF549400)
YUV	111.9920, -55.2121, -24.5490
Hunter-Lab	48.0256, -31.0956, 29.0488

# Details

The Hex color **549400** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **400094**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8CCB45**, and **196100** is the 20% darker color. If you saturate the color by 10%, you get **549400**, and if you desaturate by 10%, it is **5A940F**.

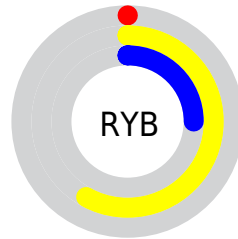
# Distribution



Red (33%)

Green (58%)

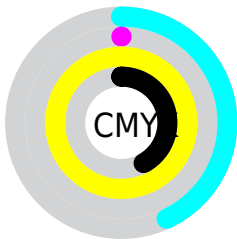
Blue (0%)



Red (0%)

Yellow (58%)

Blue (25%)

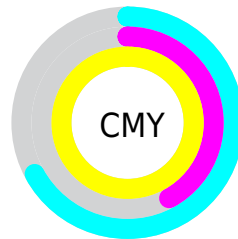


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (67%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 549400 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 549400 by changing the saturation by 10% instead.



 549400

 549400

FFFFFF

 387A00

 8CCB45

 196100

 A8E761

 004800

 C5FF7C

 003100

 E2FF97

 001B00

 FFFFB3

 000000

 FFFFD0

 FFFFED

 549400

 5A940F

 61941E

 67942C

 6E943B

 74944A

 7A9459

 819468

 879476

 8E9485

# Harmonies

## Analogous

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



958500



549400



009C4D

# Triad

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



549400



0098F4



EF3C7C

# Complementary

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



549400



400094

# 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.



D54EB9



549400



0088FF

# Square

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



549400



009ECA



916EE9



E74F40

# Rectangle

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



549400



009F78



916EE9



EA3E90



# Sweetspot

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



549400



A6BF86



943E00



52613E



E0E0E0



616161



# Same Dimension

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



549400



6DBF00



0C9400



474A43



4E8A00



060A00



# Inverse Universe

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



400094



5300BF



880094



46434A



3C008A



04000A



# Previews

## White Background



This preview shows how the Hex color 549400 looks on a white background.

## Color Contrast Check

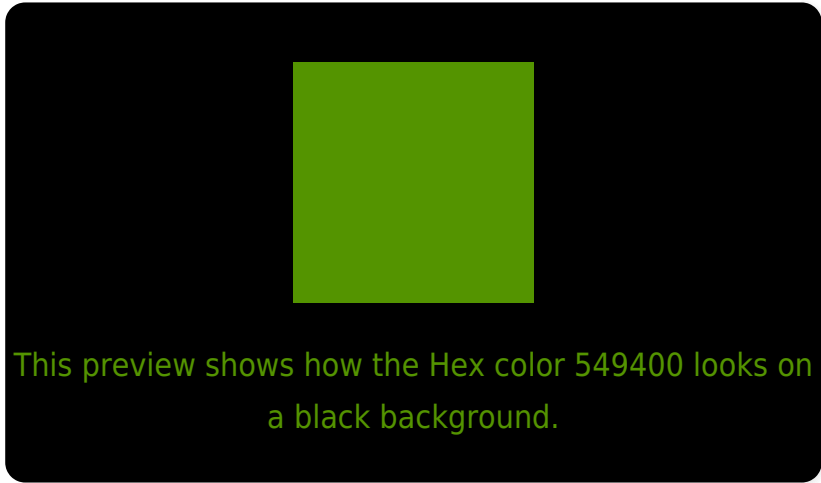
Large Text (above 18pt) WCAG AA ✓ Pass

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 549400 Background



This preview shows how black text looks on a background with the Hex color 549400.

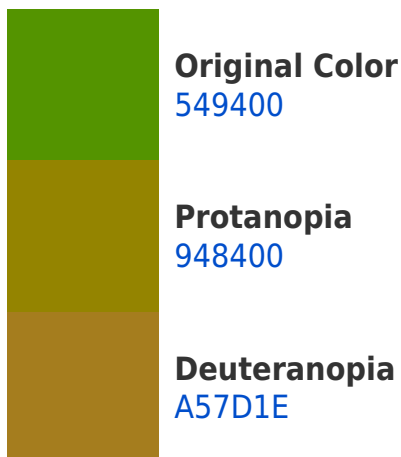


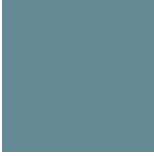
This preview shows how white text looks on a background with the Hex color 549400.

# 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**  
668A95

# Trichromacy



**Original Color**  
549400

**Protanomaly**  
7D8A00

**Deuteranomaly**  
888513

**Tritanomaly**  
5F8E5F

# Monochromacy



**Original Color**  
549400

**Achromatopsia**  
707070

**Achromatomaly**  
667D47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 549400 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 #549400 looks like.

```
.text, #text, p{  
    color:#549400  
}
```

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 #549400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #549400
}
```

## Border

The CSS property to change the border of an element to Hex 549400 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
#549400 }
```

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

```
.border{ border-color:#549400 }
```

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

Here you see how a box with a 4 pixel #549400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #549400; -webkit-box-shadow:4px 4px  
4px 4px #549400; box-shadow:4px 4px 4px  
4px #549400 }
```

# Background

The CSS property to change the background color of an element to Hex 549400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#549400 }
```

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

```
.background{ background-color:#549400 }
```

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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