

# Converting Colors

Hex(449900)

Have a look what the booklet for  
Hex(449900) contains.

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**Color**

**Hex(449900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	449900
RGB	68, 153, 0
RGB Percent	27%, 60%, 0%
CMY	0.7333, 0.4000, 1.0000
CMYK	0.56, 0.00, 1.00, 0.40
HSL	93°, 100%, 30%
HSV	93°, 100%, 60%
XYZ	13.7751, 24.0114, 3.9086
YIQ	110.1430, -1.5470, -65.6030

# Conversions

## Conversions Part 2

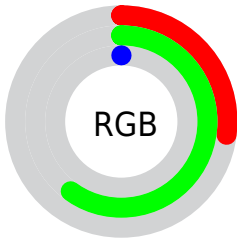
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 153, 85
Decimal	4495616
CIELab	56.10, -48.14, 58.33
CIElCh	56, 75.629, 129.529
Yxy	24.0114, 0.3304, 0.5759
Android (android.graphics.Color)	4282685696 (0xFF449900)
YUV	110.1430, -54.3005, -36.9594
Hunter-Lab	49.0014, -35.5732, 29.5717

# Details

The Hex color **449900** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **550099**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7ED046**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **449900**, and if you desaturate by 10%, it is **4D990F**.

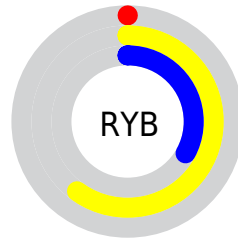
# Distribution



Red (27%)

Green (60%)

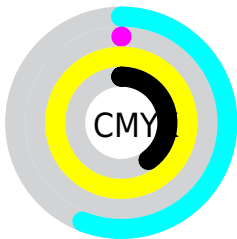
Blue (0%)



Red (0%)

Yellow (60%)

Blue (33%)

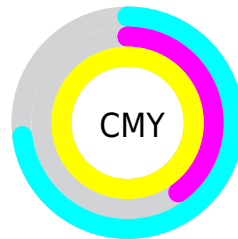


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (73%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 449900 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 449900 by changing the saturation by 10% instead.



 449900

 449900

FFFFFF

 237F00

 7ED046

 006500

 9AED62

 004C00

 B7FF7D

 003400

 D5FF98

 001E00

 F2FFB4

 000000

 FFFFD1

 FFFFEE

 449900

 4D990F

 55991F

 5E992E

 66993D

 6F994D

 77995C

 80996B

 88997A

 91998A

# Harmonies

## Analogous

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



8F8A00



449900



00A055

# Triad

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



449900



009AFF



F93674

# Complementary

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



449900



550099

# 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.



E345B6



449900



0088FF

# Square

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



449900



00A2D9



A16AED



EC5135

# Rectangle

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



449900



00A383



A16AED



F6368A



# Sweetspot

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



449900



A6C78B



995400



506340



E3E3E3



636363



# Same Dimension

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



449900



58C700



009908



484D45



3E8C00



060D00



# Inverse Universe

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



550099



6E00C7



990091



49454D



4E008C



07000D



# Previews

## White Background



This preview shows how the Hex color 449900 looks on a white background.

## Color Contrast Check

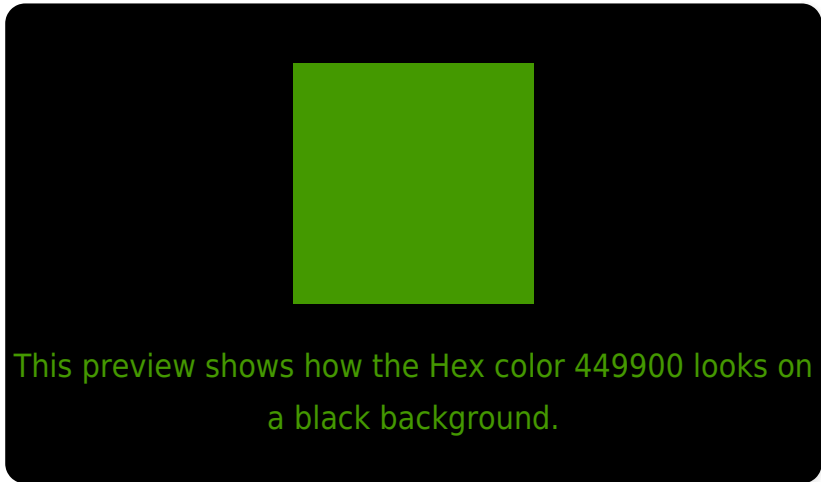
Large Text (above 18pt) WCAG AA ✓ Pass

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 449900 Background



This preview shows how black text looks on a background with the Hex color 449900.

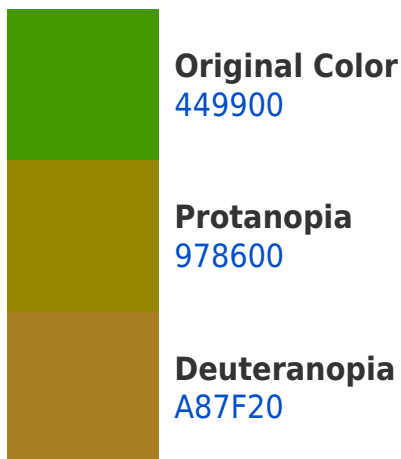


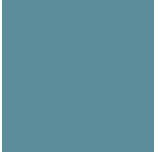
This preview shows how white text looks on a background with the Hex color 449900.

# 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**  
5B8E9A

# Trichromacy



**Original Color**  
449900

**Protanomaly**  
798D00

**Deuteranomaly**  
848814

**Tritanomaly**  
539262

# Monochromacy



**Original Color**  
449900

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
5F7E46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 449900 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 #449900 looks like.

```
.text, #text, p{  
    color:#449900  
}
```

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 #449900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449900
}
```

## Border

The CSS property to change the border of an element to Hex 449900 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
#449900 }
```

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

```
.border{ border-color:#449900 }
```

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

Here you see how a box with a 4 pixel #449900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449900; -webkit-box-shadow:4px 4px  
4px 4px #449900; box-shadow:4px 4px 4px  
4px #449900 }
```

# Background

The CSS property to change the background color of an element to Hex 449900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449900 }
```

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

```
.background{ background-color:#449900 }
```

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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