

# Converting Colors

Hex(499540)

Have a look what the booklet for  
Hex(499540) contains.

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# Color

**Hex(499540)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	499540
RGB	73, 149, 64
RGB Percent	29%, 58%, 25%
CMY	0.7137, 0.4157, 0.7490
CMYK	0.51, 0.00, 0.57, 0.42
HSL	114°, 40%, 42%
HSV	114°, 57%, 58%
XYZ	14.4205, 23.2815, 8.5842
YIQ	116.5860, -18.0110, -42.5470

# Conversions

## Conversions Part 2

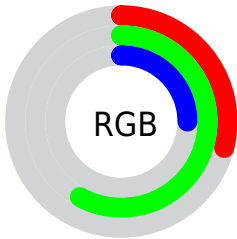
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 149, 140
Decimal	4822336
CIELab	55.36, -40.92, 37.28
CIELCh	55, 55.351, 137.663
Yxy	23.2815, 0.3116, 0.5030
Android (android.graphics.Color)	4283012416 (0xFF499540)
YUV	116.5860, -25.9249, -38.2249
Hunter-Lab	48.2509, -31.0917, 23.2275

# Details

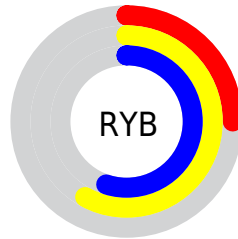
The Hex color **499540** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C4095**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7FCC72**, and **07610D** is the 20% darker color. If you saturate the color by 10%, you get **3C9531**, and if you desaturate by 10%, it is **56954F**.

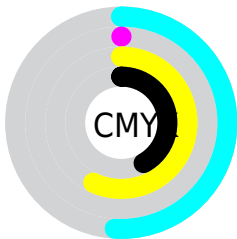
# Distribution



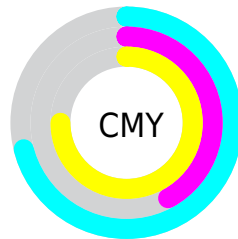
- Red (29%)
- Green (58%)
- Blue (25%)



- Red (25%)
- Yellow (58%)
- Blue (55%)



- Cyan (51%)
- Magenta (0%)
- Yellow (57%)
- Black (42%)



- Cyan (71%)
- Magenta (42%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 499540 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 499540 by changing the saturation by 10% instead.



 499540

 499540

FFFFFF

 2D7B28

 7FCC72

 07610D

 9BE88C

 004900

 B7FFA7

 003100

 D4FFC3

 001B00

 F1FFDF

 000000

FFFFFFC

 499540

 499540

 3C9531

 56954F

 2E9522

 64955E

 219513

 71956D

 149504

 7E957C

 109500

 8C958B

 999599

 A695A8

 B495B7

 C195C6

# Harmonies

## Analogous

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



828B1E



499540



009A6E

# Triad

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



499540



0090E2



DC596A

# Complementary

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



499540



8C4095

# 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.



D25A9A



499540



5F80E0

# Square

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



499540



0098CB



AB6BC6



CE683F

# Rectangle

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



499540



009C90



AB6BC6



DB577A



# Sweetspot

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



499540



A4C2A1



958B40



50614E



E0E0E0



616161



# Same Dimension

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



499540



4CC23E



409561



434A43



0F8A00



010A00



# Inverse Universe

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



8C4095



B43EC2



954074



49434A



7B008A



09000A



# Previews

## White Background



This preview shows how the Hex color 499540 looks on a white background.

## Color Contrast Check

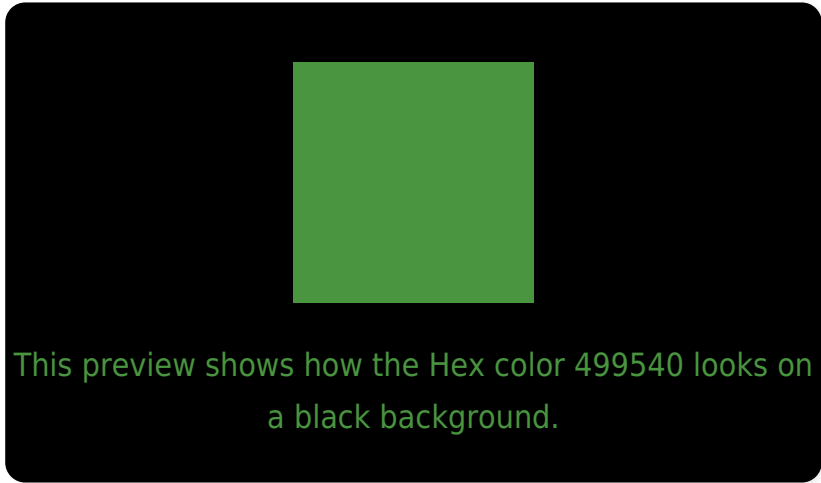
Large Text (above 18pt) WCAG AA ✓ Pass

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 499540 Background



This preview shows how black text looks on a background with the Hex color 499540.

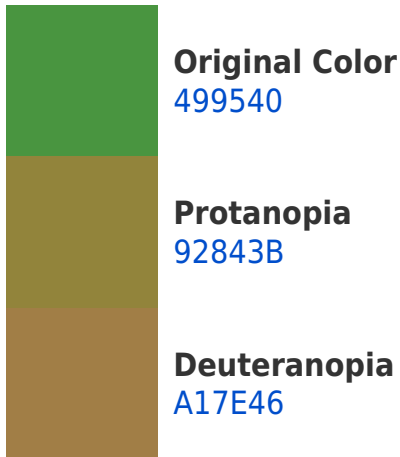


This preview shows how white text looks on a background with the Hex color 499540.

# 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**  
5B8C97

# Trichromacy



**Original Color**

499540



**Protanomaly**

778A3D



**Deuteranomaly**

818644



**Tritanomaly**

548F77

# Monochromacy



**Original Color**

499540



**Achromatopsia**

757575



**Achromatomaly**

658162

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 499540 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 #499540 looks like.

```
.text, #text, p{  
    color:#499540  
}
```

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 #499540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499540
}
```

## Border

The CSS property to change the border of an element to Hex 499540 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
#499540 }
```

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

```
.border{ border-color:#499540 }
```

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

Here you see how a box with a 4 pixel #499540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499540; -webkit-box-shadow:4px 4px  
4px 4px #499540; box-shadow:4px 4px 4px  
4px #499540 }
```

# Background

The CSS property to change the background color of an element to Hex 499540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499540 }
```

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

```
.background{ background-color:#499540 }
```

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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