

Converting Colors

Hex(499336)

Have a look what the booklet for
Hex(499336) contains.

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Color

Hex(499336)

Conversions

Conversions Part 1

Format	Color
Hex	499336
RGB	73, 147, 54
RGB Percent	29%, 58%, 21%
CMY	0.7137, 0.4235, 0.7882
CMYK	0.50, 0.00, 0.63, 0.42
HSL	108°, 46%, 39%
HSV	108°, 63%, 58%
XYZ	13.8472, 22.5502, 7.1128
YIQ	114.2720, -14.2510, -44.6110

Conversions

Conversions Part 2

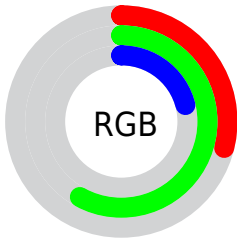
Format	Color
RYB	54, 147, 128
Decimal	4821814
CIELab	54.61, -41.24, 41.19
CIELCh	55, 58.285, 135.039
Yxy	22.5502, 0.3183, 0.5183
Android (android.graphics.Color)	4283011894 (0xFF499336)
YUV	114.2720, -29.7141, -36.1955
Hunter-Lab	47.4871, -31.0519, 24.3602

Details

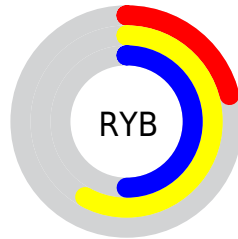
The Hex color **499336** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **803693**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **80CA68**, and **075F00** is the 20% darker color. If you saturate the color by 10%, you get **3D9327**, and if you desaturate by 10%, it is **559345**.

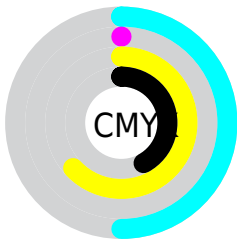
Distribution



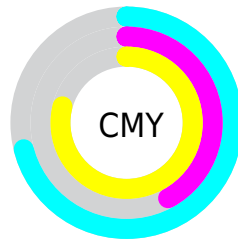
- Red (29%)
- Green (58%)
- Blue (21%)



- Red (21%)
- Yellow (58%)
- Blue (50%)



- Cyan (50%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)



- Cyan (71%)
- Magenta (42%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 499336 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 499336 by changing the saturation by 10% instead.

 499336

 499336

FFFFFF

 2D791C

 80CA68

 075F00

 9BE683

 004700

 B7FF9D

 003000

 D4FFB9

 001900

 F1FFD5

 000000

 FFFFF2

 499336

 499336

 3D9327

 559345

■ 329319

■ 609353

■ 26930A

■ 6C9362

■ 1E9300

■ 789371

■ 839380

■ 8F938E

■ 9B939D

■ A793AC

■ B293BA

Harmonies

Analogous

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



84880E



499336



009967

Triad

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



499336



008FE4



DE526B

Complementary

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



499336



803693

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.



D1559E



499336



4D80E4

Square

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



499336



0098C9



A56ACA



D1623D

Rectangle

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



499336



009A8A



A56ACA



DC517C

Sweetspot

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



499336



A2BF9B



937F36



4F614B



E0E0E0



616161

Same Dimension

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



499336



4CBF2E



369350



444A43



1C8A00



020A00

Inverse Universe

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



803693



A22EBF



933679



48434A



6E008A



08000A

Previews

White Background



This preview shows how the Hex color 499336 looks on a white background.

Color Contrast Check

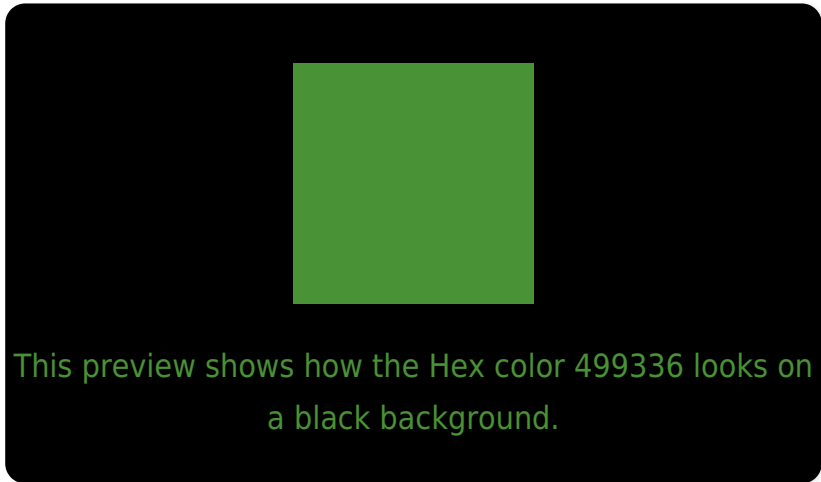
Large Text (above 18pt) WCAG AA ✓ Pass

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 499336 Background



This preview shows how black text looks on a background with the Hex color 499336.

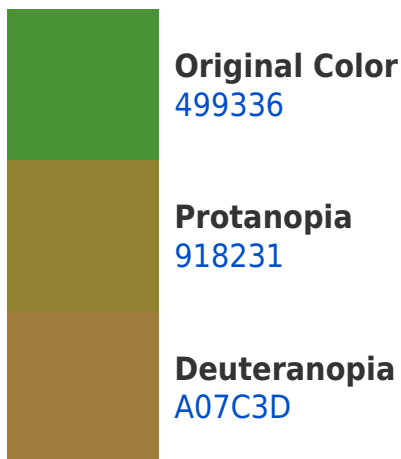



This preview shows how white text looks on a background with the Hex color 499336.

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](#).

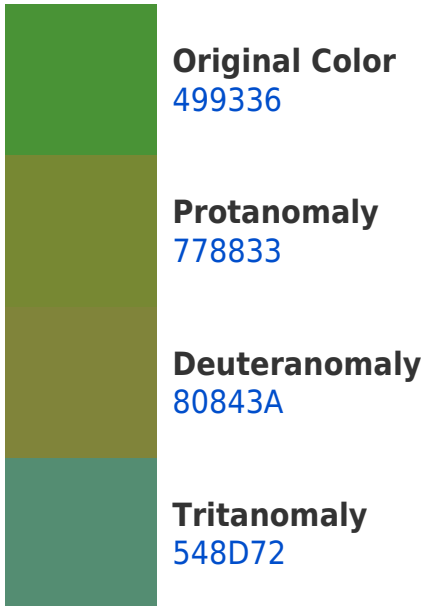
Dichromacy



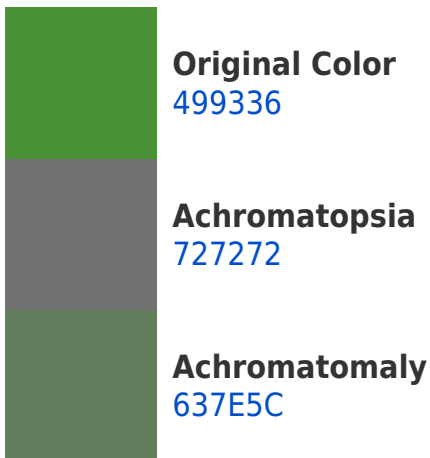


Tritanopia
5B8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 499336 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 #499336 looks like.

```
.text, #text, p{  
    color:#499336  
}
```

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 #499336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499336
}
```

Border

The CSS property to change the border of an element to Hex 499336 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
#499336 }
```

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

```
.border{ border-color:#499336 }
```

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

Here you see how a box with a 4 pixel #499336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499336; -webkit-box-shadow:4px 4px  
4px 4px #499336; box-shadow:4px 4px 4px  
4px #499336 }
```

Background

The CSS property to change the background color of an element to Hex 499336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499336 }
```

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

```
.background{ background-color:#499336 }
```

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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