

Converting Colors

Hex(499849)

Have a look what the booklet for
Hex(499849) contains.

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Color

Hex(499849)

Conversions

Conversions Part 1

Format	Color
Hex	499849
RGB	73, 152, 73
RGB Percent	29%, 60%, 29%
CMY	0.7137, 0.4039, 0.7137
CMYK	0.52, 0.00, 0.52, 0.40
HSL	120°, 35%, 44%
HSV	120°, 52%, 60%
XYZ	15.1785, 24.3540, 10.2041
YIQ	119.3730, -21.7250, -41.3170

Conversions

Conversions Part 2

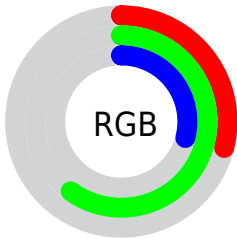
Format	Color
RYB	73, 152, 152
Decimal	4823113
CIELab	56.44, -40.97, 34.05
CIELCh	56, 53.277, 140.271
Yxy	24.3540, 0.3052, 0.4897
Android (android.graphics.Color)	4283013193 (0xFF499849)
YUV	119.3730, -22.8619, -40.6691
Hunter-Lab	49.3498, -31.4609, 22.2853

Details

The Hex color **499849** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **984998**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **80CF7B**, and **076419** is the 20% darker color. If you saturate the color by 10%, you get **3A983A**, and if you desaturate by 10%, it is **589858**.

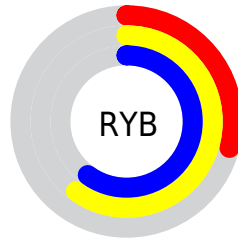
Distribution



Red (29%)

Green (60%)

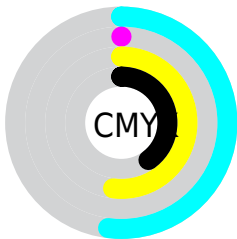
Blue (29%)



Red (29%)

Yellow (60%)

Blue (60%)

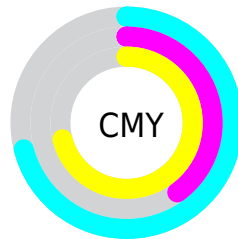


Cyan (52%)

Magenta (0%)

Yellow (52%)

Black (40%)



Cyan (71%)

Magenta (40%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 499849 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 499849 by changing the saturation by 10% instead.

 499849

 499849

FFFFFF

 2D7E31

 80CF7B

 076419

 9BEB96

 004B00

 B7FFB1

 003400

 D4FFCD

 001F00

 F1FFE9

 000000

 499849

 499849

 3A983A

 589858

 2B982B


 679867

 1B981B

 779877

 0C980C

 869886

 009800

 959895

 A498A4

 B398B3

 C398C3

 D298D2

Harmonies

Analogous

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



828E28



499849



009D76

Triad

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



499849



0091E3



DC5F6A

Complementary

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



499849



984998

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.



D45E98



499849



6D81DF

Square

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



499849



009ACE



B16EC3



CD6D41

Rectangle

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



499849



009E96



B16EC3



DC5D79

Sweetspot

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



499849



A5C4A5



989849



516351



E3E3E3



636363

Same Dimension

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



499849



4BC44B



499870



454D45



008C00



000D00

Inverse Universe

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



984998



C44BC4



984970



4D454D



8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 499849 looks on a white background.

Color Contrast Check

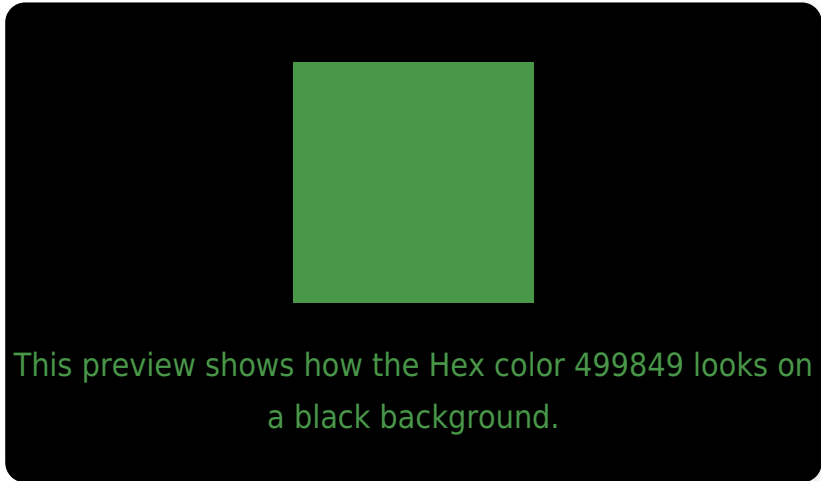
Large Text (above 18pt) WCAG AA ✓ Pass

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

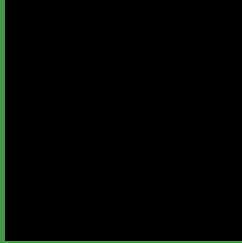
Any Text WCAG AA ✓ Pass

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 499849 Background



This preview shows how black text looks on a background with the Hex color 499849.



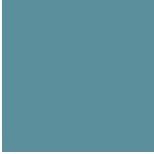
This preview shows how white text looks on a background with the Hex color 499849.

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
5B8F9B

Trichromacy



Original Color
499849



Protanomaly
798D45



Deuteranomaly
83894D



Tritanomaly
54927D

Monochromacy



Original Color
499849



Achromatopsia
777777



Achromatomaly
668366

CSS Examples

Text

The CSS property to change the color of the text to Hex 499849 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 #499849 looks like.

```
.text, #text, p{  
    color:#499849  
}
```

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 #499849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499849
}
```

Border

The CSS property to change the border of an element to Hex 499849 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
#499849 }
```

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

```
.border{ border-color:#499849 }
```

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

Here you see how a box with a 4 pixel #499849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499849; -webkit-box-shadow:4px 4px  
4px 4px #499849; box-shadow:4px 4px 4px  
4px #499849 }
```

Background

The CSS property to change the background color of an element to Hex 499849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499849 }
```

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

```
.background{ background-color:#499849 }
```

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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