

# Converting Colors

Hex(499D45)

Have a look what the booklet for  
Hex(499D45) contains.

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**Color**

**Hex(499D45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	499D45
RGB	73, 157, 69
RGB Percent	29%, 62%, 27%
CMY	0.7137, 0.3843, 0.7294
CMYK	0.54, 0.00, 0.56, 0.38
HSL	117°, 39%, 44%
HSV	117°, 56%, 62%
XYZ	15.8788, 25.9601, 9.8041
YIQ	121.8520, -21.8160, -45.1760

# Conversions

## Conversions Part 2

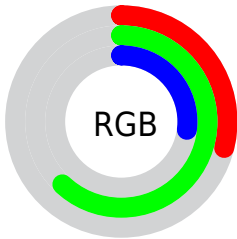
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 157, 153
Decimal	4824389
CIELab	58.00, -43.58, 37.94
CIELCh	58, 57.785, 138.958
Yxy	25.9601, 0.3075, 0.5027
Android (android.graphics.Color)	4283014469 (0xFF499D45)
YUV	121.8520, -26.0560, -42.8432
Hunter-Lab	50.9510, -33.5351, 24.2570

# Details

The Hex color **499D45** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **99459D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **80D478**, and **016913** is the 20% darker color. If you saturate the color by 10%, you get **3A9D35**, and if you desaturate by 10%, it is **589D55**.

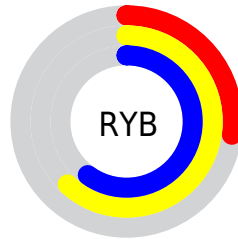
# Distribution



Red (29%)

Green (62%)

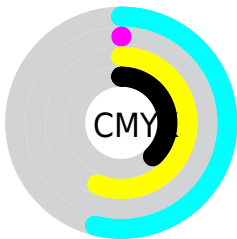
Blue (27%)



Red (27%)

Yellow (62%)

Blue (60%)

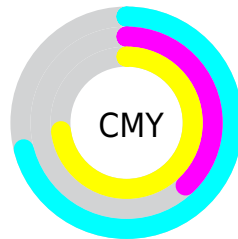


Cyan (54%)

Magenta (0%)

Yellow (56%)

Black (38%)



Cyan (71%)

Magenta (38%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 499D45 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 499D45 by changing the saturation by 10% instead.



 499D45

 499D45

FFFFFF

 2C822C

 80D478

 016913

 9CF192

 005000

 B9FFAD

 003800

 D5FFC9

 002300

 F3FFE5

 000000

 499D45

 499D45

 3A9D35

 589D55

 2B9D26

 679D64

■ 1C9D16

■ 769D74

■ 0D9D06

■ 859D84

■ 079D00

■ 949D93

■ A39DA3

■ B29DB3

■ C19DC3

■ D09DD2

# Harmonies

## Analogous

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



879320



499D45



00A276

# Triad

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



499D45



0097EF



E75D6E

# Complementary

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



499D45



99459D

# 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.



DD5EA0



499D45



6886EB

# Square

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



499D45



00A0D7



B670CE



D76E40

# Rectangle

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



499D45



00A49A



B670CE



E75B7E



# Sweetspot

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



499D45



ABCCA9



9D9945



536652



E6E6E6



666666



# Same Dimension

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



499D45



4ACC43



459D6D



484F47



068F00



010F00



# Inverse Universe

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



99459D



C643CC



9D4575



4F474F



88008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 499D45 looks on a white background.

## Color Contrast Check

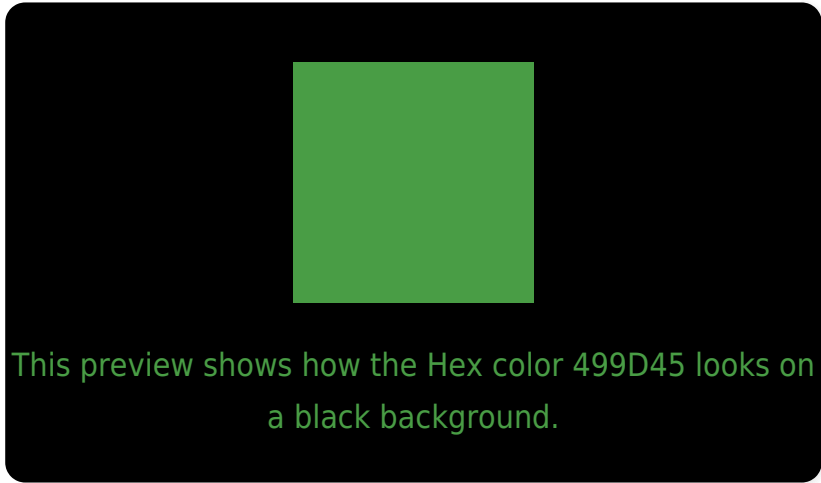
Large Text (above 18pt) WCAG AA ✓ Pass

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 499D45 Background



This preview shows how black text looks on a background with the Hex color 499D45.

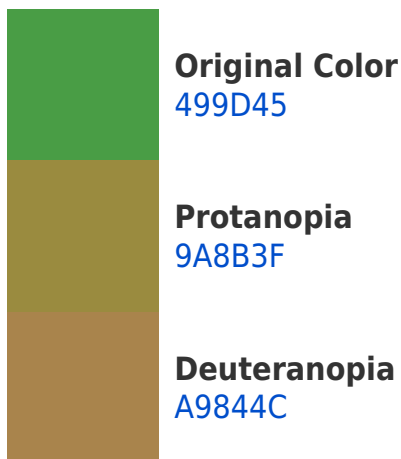



This preview shows how white text looks on a background with the Hex color 499D45.

# 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](#).

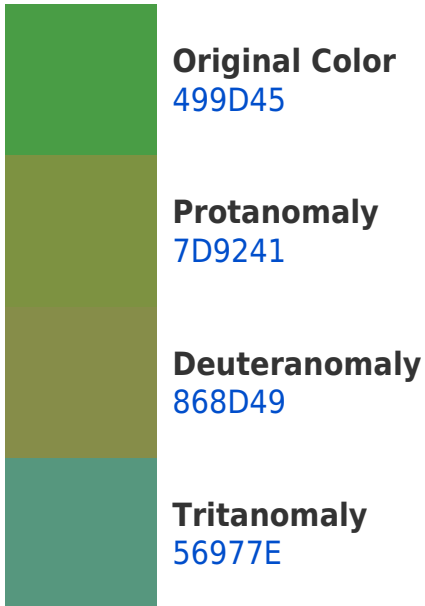
## Dichromacy





**Tritanopia**  
5D949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 499D45 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 #499D45 looks like.

```
.text, #text, p{  
    color:#499D45  
}
```

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 #499D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499D45  
}
```

## Border

The CSS property to change the border of an element to Hex 499D45 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  
#499D45 }
```

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

```
.border{ border-color:#499D45 }
```

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

Here you see how a box with a 4 pixel #499D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499D45; -webkit-box-shadow:4px 4px  
4px 4px #499D45; box-shadow:4px 4px 4px  
4px #499D45 }
```

# Background

The CSS property to change the background color of an element to Hex 499D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499D45 }
```

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

```
.background{ background-color:#499D45 }
```

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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