

# Converting Colors

Hex(499A14)

Have a look what the booklet for  
Hex(499A14) contains.

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**Color**

**Hex(499A14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	499A14
RGB	73, 154, 20
RGB Percent	29%, 60%, 8%
CMY	0.7137, 0.3961, 0.9216
CMYK	0.53, 0.00, 0.87, 0.40
HSL	96°, 77%, 34%
HSV	96°, 87%, 60%
XYZ	14.4295, 24.5782, 4.6454
YIQ	114.5050, -5.2620, -58.8460

# Conversions

## Conversions Part 2

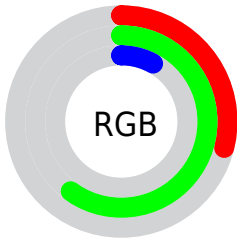
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 154, 101
Decimal	4823572
CIE Lab	56.66, -46.47, 55.39
CIE LCh	57, 72.303, 129.991
Yxy	24.5782, 0.3306, 0.5630
Android (android.graphics.Color)	4283013652 (0xFF499A14)
YUV	114.5050, -46.5910, -36.3999
Hunter-Lab	49.5764, -34.8051, 29.1479

# Details

The Hex color **499A14** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **65149A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **82D14F**, and **006600** is the 20% darker color. If you saturate the color by 10%, you get **409A05**, and if you desaturate by 10%, it is **529A23**.

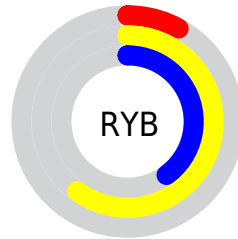
# Distribution



Red (29%)

Green (60%)

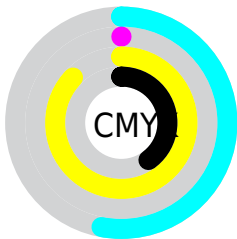
Blue (8%)



Red (8%)

Yellow (60%)

Blue (40%)

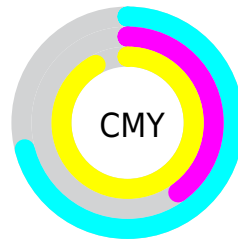


Cyan (53%)

Magenta (0%)

Yellow (87%)

Black (40%)



Cyan (71%)

Magenta (40%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 499A14 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 499A14 by changing the saturation by 10% instead.





499A14



499A14

FFFFFF



2A8000



82D14F



006600



9EEE6A



004D00



BBFF85



003500



D8FFA0



001F00



F6FFBC



000000



FFFFD9



FFFFF6



499A14



499A14

■ 409A05

■ 529A23

■ 3D9A00

■ 5C9A33

■ 659A42

■ 6E9A52

■ 789A61

■ 819A70

■ 8A9A80

■ 939A8F

■ 9D9A9F

# Harmonies

## Analogous

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



918C00



499A14



00A15A

# Triad

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



499A14



009AFF



F64076

# Complementary

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



499A14



65149A

# 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.



E24CB4



499A14



0089FF

# Square

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



499A14



00A2D8



A36DE9



EA5739

# Rectangle

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



499A14



00A486



A36DE9



F33F8B



# Sweetspot

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



499A14



AAC995



9A6414



536646



E6E6E6



666666



# Same Dimension

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



499A14



50C900



149A21



484D45



378C00



050D00



# Inverse Universe

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



65149A



7A00C9



9A148D



49454D



55008C



08000D



# Previews

## White Background



This preview shows how the Hex color 499A14 looks on a white background.

## Color Contrast Check

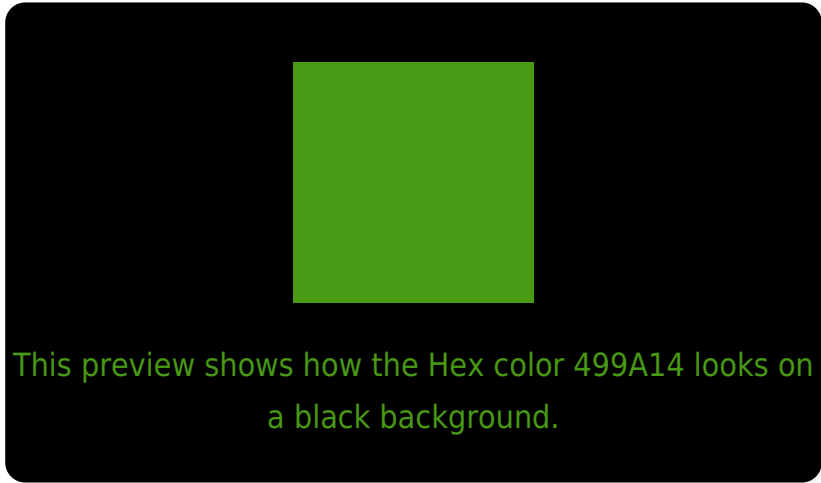
Large Text (above 18pt) WCAG AA ✓ Pass

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 499A14 Background



This preview shows how black text looks on a background with the Hex color 499A14.

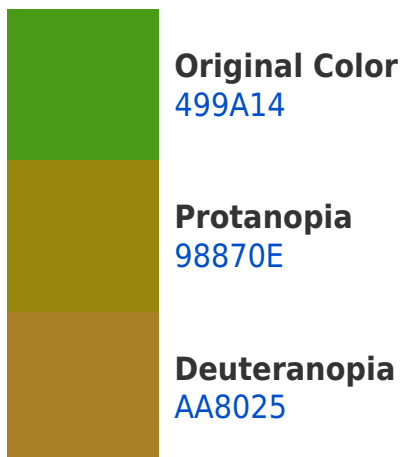


This preview shows how white text looks on a background with the Hex color 499A14.

# 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**  
5E8F9B

# Trichromacy



**Original Color**  
499A14

**Protanomaly**  
7B8E10

**Deuteranomaly**  
87891F

**Tritanomaly**  
56936A

# Monochromacy



**Original Color**  
499A14

**Achromatopsia**  
737373

**Achromatomaly**  
648150

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 499A14 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 #499A14 looks like.

```
.text, #text, p{  
    color:#499A14  
}
```

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 #499A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499A14
}
```

## Border

The CSS property to change the border of an element to Hex 499A14 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
#499A14 }
```

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

```
.border{ border-color:#499A14 }
```

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

Here you see how a box with a 4 pixel #499A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499A14; -webkit-box-shadow:4px 4px  
4px 4px #499A14; box-shadow:4px 4px 4px  
4px #499A14 }
```

# Background

The CSS property to change the background color of an element to Hex 499A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499A14 }
```

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

```
.background{ background-color:#499A14 }
```

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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