

# Converting Colors

Hex(499D15)

Have a look what the booklet for  
Hex(499D15) contains.

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**Color**

**Hex(499D15)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	499D15
RGB	73, 157, 21
RGB Percent	29%, 62%, 8%
CMY	0.7137, 0.3843, 0.9176
CMYK	0.54, 0.00, 0.87, 0.38
HSL	97°, 76%, 35%
HSV	97°, 87%, 62%
XYZ	14.9400, 25.5846, 4.8604
YIQ	116.3800, -6.4080, -60.1040

# Conversions

## Conversions Part 2

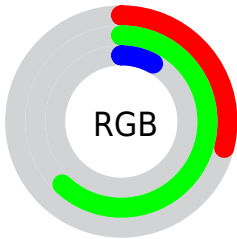
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 157, 105
Decimal	4824341
CIE <sub>Lab</sub>	57.64, -47.58, 56.02
CIE <sub>LCh</sub>	58, 73.496, 130.340
Yxy	25.5846, 0.3292, 0.5637
Android (android.graphics.Color)	4283014421 (0xFF499D15)
YUV	116.3800, -47.0223, -38.0443
Hunter-Lab	50.5812, -35.7941, 29.7096

# Details

The Hex color **499D15** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **69159D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **82D450**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **3F9D05**, and if you desaturate by 10%, it is **539D25**.

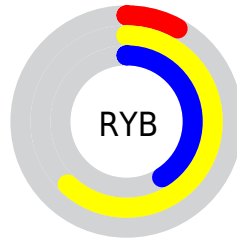
# Distribution



Red (29%)

Green (62%)

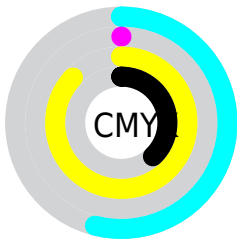
Blue (8%)



Red (8%)

Yellow (62%)

Blue (41%)

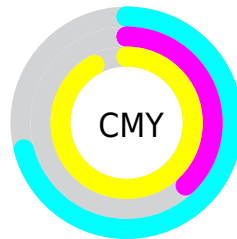


Cyan (54%)

Magenta (0%)

Yellow (87%)

Black (38%)



Cyan (71%)

Magenta (38%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 499D15 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 499D15 by changing the saturation by 10% instead.



 499D15

 499D15

FFFFFF

 2A8200

 82D450

 006900

 9FF16B

 005000

 BCFF86

 003800

 D9FFA2

 002200

 F7FFBE

 000000

 FFFFDA

 FFFFF8

 499D15

 499D15

■ 3F9D05

■ 539D25

■ 3C9D00

■ 5C9D34

■ 669D44

■ 709D54

■ 799D64

■ 839D73

■ 8D9D83

■ 979D93

■ A09DA2

# Harmonies

## Analogous

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



928F00



499D15



00A45C

# Triad

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



499D15



009DFF



FB4177

# Complementary

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



499D15



69159D

# 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.



E64DB7



499D15



008BFF

# Square

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



499D15



00A5DD



A86EED



EE593A

# Rectangle

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



499D15



00A789



A86EED



F8408D



# Sweetspot

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



499D15



ABCC97



9D6915



526646



E6E6E6



666666



# Same Dimension

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



499D15



4ECC00



159D25



4A4F47



378F00



060F00



# Inverse Universe

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



69159D



7E00CC



9D158D



4C474F



58008F



09000F



# Previews

## White Background



This preview shows how the Hex color 499D15 looks on a white background.

## Color Contrast Check

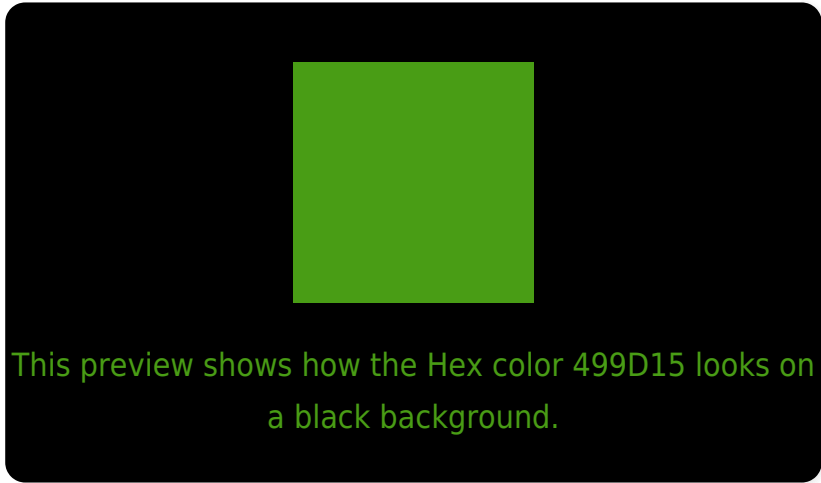
Large Text (above 18pt) WCAG AA ✓ Pass

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 499D15 Background



This preview shows how black text looks on a background with the Hex color 499D15.

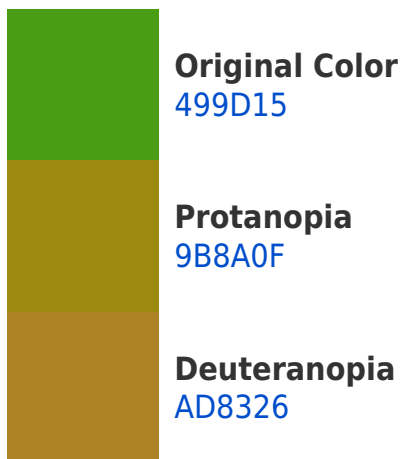


This preview shows how white text looks on a background with the Hex color 499D15.

# 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**  
5F929E

# Trichromacy



**Original Color**  
499D15

**Protanomaly**  
7D9111

**Deuteranomaly**  
898C20

**Tritanomaly**  
57966C

# Monochromacy



**Original Color**  
499D15

**Achromatopsia**  
747474

**Achromatomaly**  
648351

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 499D15 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 #499D15 looks like.

```
.text, #text, p{  
    color:#499D15  
}
```

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 #499D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499D15  
}
```

## Border

The CSS property to change the border of an element to Hex 499D15 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  
#499D15 }
```

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

```
.border{ border-color:#499D15 }
```

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

Here you see how a box with a 4 pixel #499D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499D15; -webkit-box-shadow:4px 4px  
4px 4px #499D15; box-shadow:4px 4px 4px  
4px #499D15 }
```

# Background

The CSS property to change the background color of an element to Hex 499D15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499D15 }
```

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

```
.background{ background-color:#499D15 }
```

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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