

# Converting Colors

Hex(429E2E)

Have a look what the booklet for  
Hex(429E2E) contains.

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# Color

Hex(429E2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	429E2E
RGB	66, 158, 46
RGB Percent	26%, 62%, 18%
CMY	0.7412, 0.3804, 0.8196
CMYK	0.58, 0.00, 0.71, 0.38
HSL	109°, 55%, 40%
HSV	109°, 71%, 62%
XYZ	14.9668, 25.8092, 6.7776
YIQ	117.7240, -18.8800, -54.3360

# Conversions

## Conversions Part 2

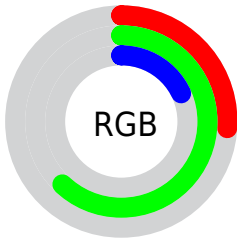
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 158, 138
Decimal	4365870
CIE <sub>Lab</sub>	57.86, -48.34, 48.07
CIE <sub>LCh</sub>	58, 68.176, 135.158
Yxy	25.8092, 0.3147, 0.5427
Android (android.graphics.Color)	4282555950 (0xFF429E2E)
YUV	117.7240, -35.3599, -45.3619
Hunter-Lab	50.8028, -36.3178, 27.6520

# Details

The Hex color **429E2E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8A2E9E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7BD562**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **359E1E**, and if you desaturate by 10%, it is **4F9E3E**.

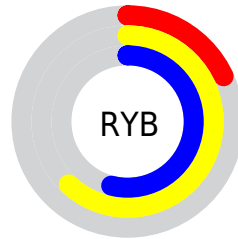
# Distribution



Red (26%)

Green (62%)

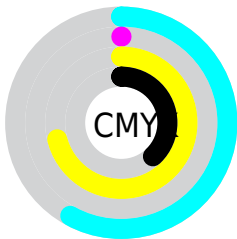
Blue (18%)



Red (18%)

Yellow (62%)

Blue (54%)

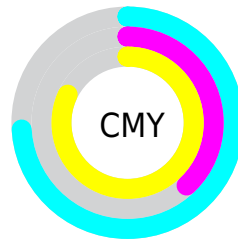


Cyan (58%)

Magenta (0%)

Yellow (71%)

Black (38%)



Cyan (74%)

Magenta (38%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 429E2E 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 429E2E by changing the saturation by 10% instead.



 429E2E

 429E2E

FFFFFF

 218310

 7BD562

 006900

 98F27D

 005000

 B4FF98

 003800

 D2FFB3

 002200

 EFFFCE

 000000

 FFFFEC

 429E2E

 429E2E

 359E1E

 4F9E3E

 289E0E

 5C9E4E

 1C9E00

 699E5D

 769E6D

 839E7D

 909E8D

 9D9E9D

 AA9EAC

 B79EBC

# Harmonies

## Analogous

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



8B9200



429E2E



00A46A

# Triad

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



429E2E



009AFF



F54D6F

# Complementary

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



429E2E



8A2E9E

# 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.



E651AB



429E2E



3F88FF

# Square

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



429E2E



00A4DF



B36CE0



E56338

# Rectangle

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



429E2E



00A694



B36CE0



F44B83



# Sweetspot

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



429E2E



ABCFA3



9E892E



53694E



E8E8E8



696969



# Same Dimension

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



429E2E



3ECF1F



2E9E51



494F47



1A8F00



030F00



# Inverse Universe

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



8A2E9E



AF1FCF



9E2E7B



4E474F



75008F



0D000F



# Previews

## White Background



This preview shows how the Hex color 429E2E looks on a white background.

## Color Contrast Check

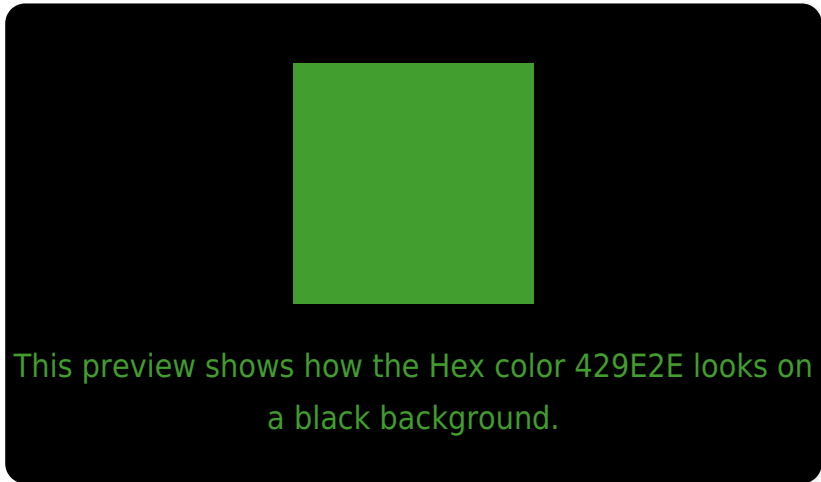
Large Text (above 18pt) WCAG AA ✓ Pass

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

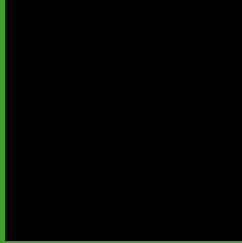
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 429E2E Background



This preview shows how black text looks on a background with the Hex color 429E2E.



This preview shows how white text looks on a background with the Hex color 429E2E.

# 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](#).

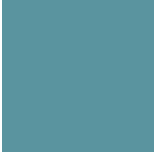
## Dichromacy



**Original Color**  
429E2E

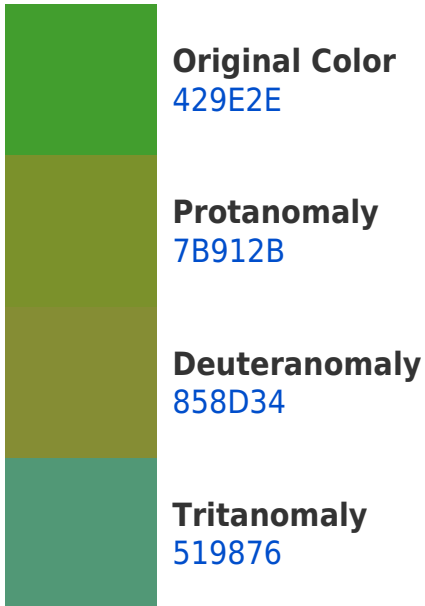
**Protanopia**  
9B8A29

**Deuteranopia**  
AC8338



**Tritanopia**  
5A949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 429E2E 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 #429E2E looks like.

```
.text, #text, p{  
    color:#429E2E  
}
```

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 #429E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #429E2E
}
```

## Border

The CSS property to change the border of an element to Hex 429E2E 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
#429E2E }
```

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

```
.border{ border-color:#429E2E }
```

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

Here you see how a box with a 4 pixel #429E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #429E2E; -webkit-box-shadow:4px 4px  
4px 4px #429E2E; box-shadow:4px 4px 4px  
4px #429E2E }
```

# Background

The CSS property to change the background color of an element to Hex 429E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#429E2E }
```

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

```
.background{ background-color:#429E2E }
```

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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