

# Converting Colors

Hex(75A439)

Have a look what the booklet for  
Hex(75A439) contains.

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**Color**

**Hex(75A439)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75A439
RGB	117, 164, 57
RGB Percent	46%, 64%, 22%
CMY	0.5412, 0.3569, 0.7765
CMYK	0.29, 0.00, 0.65, 0.36
HSL	86°, 48%, 43%
HSV	86°, 65%, 64%
XYZ	21.3501, 30.6282, 8.6575
YIQ	137.7490, 6.3350, -43.2410

# Conversions

## Conversions Part 2

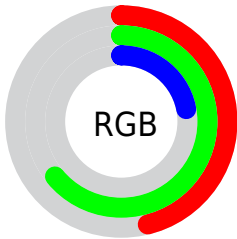
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 164, 104
Decimal	7709753
CIELab	62.19, -33.09, 48.81
CIElCh	62, 58.974, 124.137
Yxy	30.6282, 0.3521, 0.5051
Android (android.graphics.Color)	4285899833 (0xFF75A439)
YUV	137.7490, -39.8093, -18.1969
Hunter-Lab	55.3428, -27.9883, 29.4650

# Details

The Hex color **75A439** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6839A4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **ACDB6D**, and **407000** is the 20% darker color. If you saturate the color by 10%, you get **6EA429**, and if you desaturate by 10%, it is **7CA449**.

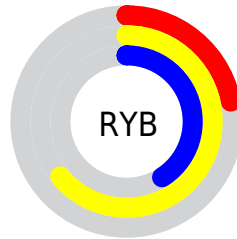
# Distribution



Red (46%)

Green (64%)

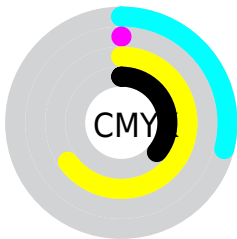
Blue (22%)



Red (22%)

Yellow (64%)

Blue (41%)

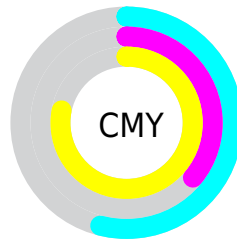


Cyan (29%)

Magenta (0%)

Yellow (65%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75A439 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 75A439 by changing the saturation by 10% instead.





75A439



75A439

FFFFFF



5A8A1E



ACDB6D



407000



C8F888



255700



E5FFA3



043F00



FFFFBF



002900



FFFFDB



000E00



FFFFF8



000000



75A439



75A439



6EA429



7CA449

 67A418

 83A45A

 5FA408

 8BA46A

 5CA400

 92A47B

 99A48B

 A0A49B

 A7A4AC

 AFA4BC

 B6A4CD

# Harmonies

## Analogous

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



AB9622



75A439



10AC66

# Triad

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



75A439



00A8F4



F46591

# Complementary

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



75A439



6839A4

# 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.



DB70C5



75A439



229AFF

# Square

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



75A439



00AED0



A185ED



F06E5F

# Rectangle

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



75A439



00AF8A



A185ED



EF66A3



# Sweetspot

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



75A439



C3D6AB



A46739



606B51



EBEBEB



6B6B6B



# Same Dimension

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



75A439



8DD62F



40A439



4E5249



529100



0A1200



# Inverse Universe

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



6839A4



792FD6



9D39A4



4D4952



400091



080012



# Previews

## White Background



This preview shows how the Hex color 75A439 looks on a white background.

## Color Contrast Check

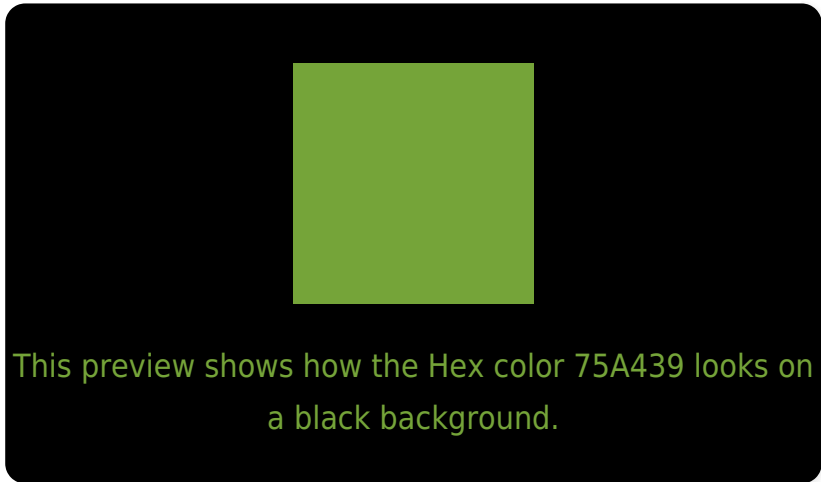
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 75A439 Background



This preview shows how black text looks on a background with the Hex color 75A439.

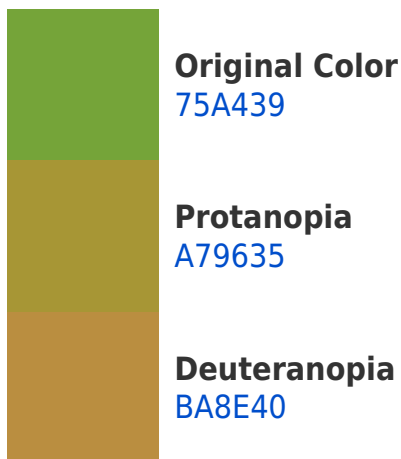


This preview shows how white text looks on a background with the Hex color 75A439.

# 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](#).

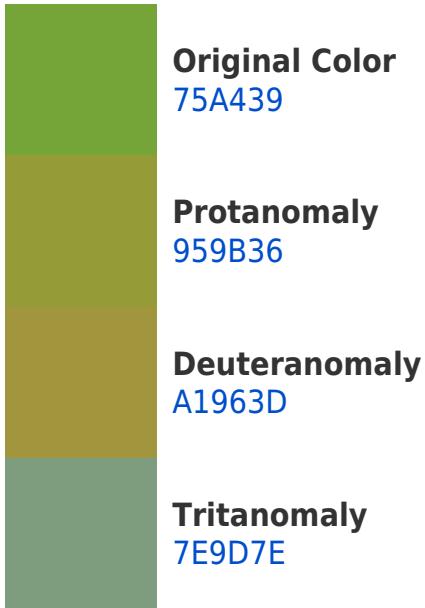
## Dichromacy



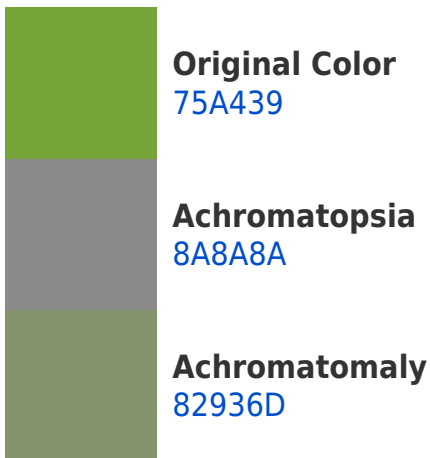


**Tritanopia**  
8399A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75A439 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 #75A439 looks like.

```
.text, #text, p{  
    color:#75A439  
}
```

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 #75A439 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A439
}
```

## Border

The CSS property to change the border of an element to Hex 75A439 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
#75A439 }
```

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

```
.border{ border-color:#75A439 }
```

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

Here you see how a box with a 4 pixel #75A439 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A439; -webkit-box-shadow:4px 4px  
4px 4px #75A439; box-shadow:4px 4px 4px  
4px #75A439 }
```

# Background

The CSS property to change the background color of an element to Hex 75A439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A439 }
```

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

```
.background{ background-color:#75A439 }
```

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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