

# Converting Colors

Hex(75C039)

Have a look what the booklet for  
Hex(75C039) contains.

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**Color**

**Hex(75C039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75C039
RGB	117, 192, 57
RGB Percent	46%, 75%, 22%
CMY	0.5412, 0.2471, 0.7765
CMYK	0.39, 0.00, 0.70, 0.25
HSL	93°, 54%, 49%
HSV	93°, 70%, 75%
XYZ	26.9243, 41.7766, 10.5155
YIQ	154.1850, -1.3650, -57.8850

# Conversions

## Conversions Part 2

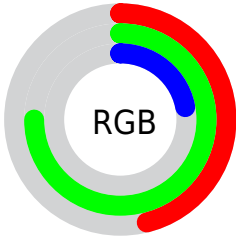
Format	Color
<a href="#">RYB</a>	<a href="#">57, 192, 132</a>
Decimal	<a href="#">7716921</a>
CIELab	<a href="#">70.72, -45.40, 57.75</a>
CIELCh	<a href="#">71, 73.461, 128.173</a>
Yxy	<a href="#">41.7766, 0.3399, 0.5274</a>
Android (android.graphics.Color)	<a href="#">4285907001 (0xFF75C039)</a>
YUV	<a href="#">154.1850, -47.9122, -32.6112</a>
Hunter-Lab	<a href="#">64.6348, -38.7550, 35.5984</a>

# Details

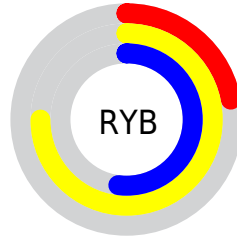
The Hex color **75C039** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **8439C0**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **AEF970**, and **3C8A00** is the 20% darker color. If you saturate the color by 10%, you get **6AC026**, and if you desaturate by 10%, it is **80C04C**.

# Distribution



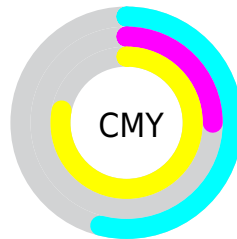
- Red (46%)
- Green (75%)
- Blue (22%)



- Red (22%)
- Yellow (75%)
- Blue (52%)



- Cyan (39%)
- Magenta (0%)
- Yellow (70%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75C039 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 75C039 by changing the saturation by 10% instead.





75C039



75C039

FFFFFF



59A51A



AEF970



3C8A00



CBFF8B



1A7000



E8FFA7



005700



FFFFC3



003E00



FFFFE0



002A00

FFFFFFD



000500



000000



75C039



75C039

 6AC026

 80C04C

 60C013

 8AC05F

 55C000

 95C073

 A0C086

 AAC099

 B5C0AC

 C0C0BF

 CAC0D3

 D5C0E6

# Harmonies

## Analogous

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



BDB001



75C039



00C978

# Triad

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



75C039



00C1FF



FF6A9D

# Complementary

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



75C039



8439C0

# 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.



FF75E0



75C039



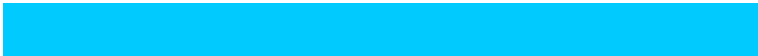
1BAFFF

# Square

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



75C039



00CAFE



C793FF



FF7B5E

# Rectangle

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



75C039



00CCA7



C793FF



FF6AB4

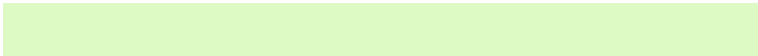


# Sweetspot

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



75C039



DDFAC5



C08339



6C7D5E



FCFCFC



7D7D7D



# Same Dimension

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



75C039



85FA28



39C040



5C6157



47A100



0F2100



# Inverse Universe

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



8439C0



9D28FA



C039B9



5D5761



5900A1



120021



# Previews

## White Background



This preview shows how the Hex color 75C039 looks on a white background.

## Color Contrast Check

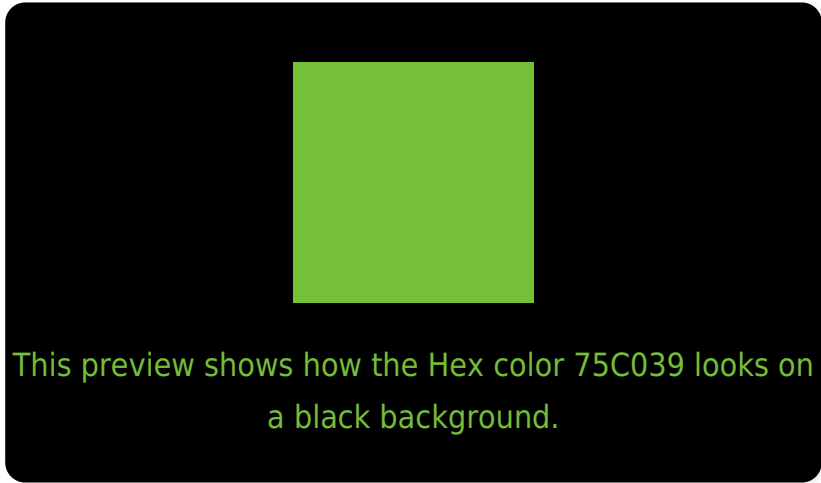
Large Text (above 18pt) WCAG AA × Fail

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 75C039 Background



This preview shows how black text looks on a background with the Hex color 75C039.

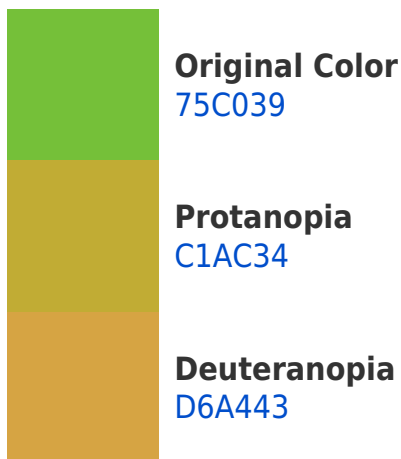


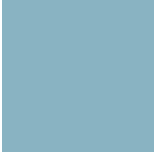
This preview shows how white text looks on a background with the Hex color 75C039.

# 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**  
89B3C2

# Trichromacy



**Original Color**  
75C039



**Protanomaly**  
A5B336



**Deuteranomaly**  
B3AE3F



**Tritanomaly**  
82B890

# Monochromacy



**Original Color**  
75C039



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
8DA877

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75C039 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 #75C039 looks like.

```
.text, #text, p{  
    color:#75C039  
}
```

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 #75C039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C039
}
```

## Border

The CSS property to change the border of an element to Hex 75C039 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
#75C039 }
```

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

```
.border{ border-color:#75C039 }
```

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

Here you see how a box with a 4 pixel #75C039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C039; -webkit-box-shadow:4px 4px  
4px 4px #75C039; box-shadow:4px 4px 4px  
4px #75C039 }
```

# Background

The CSS property to change the background color of an element to Hex 75C039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C039 }
```

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

```
.background{ background-color:#75C039 }
```

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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