

# Converting Colors

Hex(75F41C)

Have a look what the booklet for  
Hex(75F41C) contains.

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**Color**

**Hex(75F41C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75F41C
RGB	117, 244, 28
RGB Percent	46%, 96%, 11%
CMY	0.5412, 0.0431, 0.8902
CMYK	0.52, 0.00, 0.89, 0.04
HSL	95°, 91%, 53%
HSV	95°, 89%, 96%
XYZ	39.8964, 68.5671, 12.2306
YIQ	181.4030, -6.3560, -94.1000

# Conversions

## Conversions Part 2

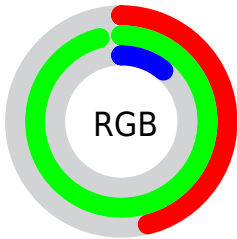
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 244, 155
Decimal	7730204
CIE <sub>Lab</sub>	86.29, -66.53, 79.86
CIE <sub>LCh</sub>	86, 103.943, 129.797
Yxy	68.5671, 0.3306, 0.5681
Android (android.graphics.Color)	4285920284 (0xFF75F41C)
YUV	181.4030, -75.6277, -56.4814
Hunter-Lab	82.8053, -58.9061, 49.2063

# Details

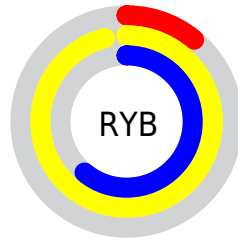
The Hex color **75F41C** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **9B1CF4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B4FF63**, and **2BBB00** is the 20% darker color. If you saturate the color by 10%, you get **67F404**, and if you desaturate by 10%, it is **83F434**.

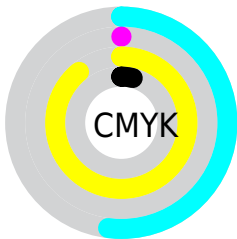
# Distribution



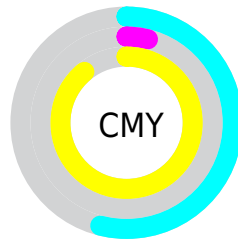
- Red (46%)
- Green (96%)
- Blue (11%)



- Red (11%)
- Yellow (96%)
- Blue (61%)



- Cyan (52%)
- Magenta (0%)
- Yellow (89%)
- Black (4%)



- Cyan (54%)
- Magenta (4%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75F41C 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 75F41C by changing the saturation by 10% instead.



 75F41C

 75F41C

FFFFFF

 54D700

 B4FF63

 2BBB00

 D2FF81

 009F00

 F1FF9F

 008400

 FFFFBC

 006900

 FFFFDA

 005000

 FFFFF8

 003800

 001E00

 000000

 75F41C

 75F41C

 67F404

 83F434

 65F400

 92F44D

 A0F465

 AEF47E

 BDF496

 CBF4AE

 D9F4C7

 E8F4DF

 F6F4F8

# Harmonies

## Analogous

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



E5DE00



75F41C



00FF8F

# Triad

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



75F41C



00F5FF



FF64BC

# Complementary

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



75F41C



9B1CF4

# 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.



FF79FF



75F41C



00DAFF

# Square

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



75F41C



00FFFF



FFADFF



FF8A5D

# Rectangle

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



75F41C



00FFD4



FFADFF



FF63DD

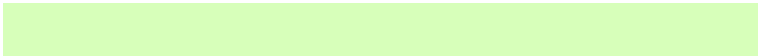


# Sweetspot

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



75F41C



D7FFBA



F49A1C



688057



000000



808080



# Same Dimension

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



75F41C



69FF00



1CF42E



737A6E



4DBA00



183B00



# Inverse Universe

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



9B1CF4



9600FF



F41CE2



756E7A



6D00BA

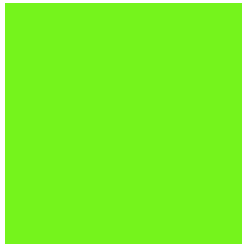


22003B



# Previews

## White Background



This preview shows how the Hex color 75F41C looks on a white background.

## Color Contrast Check

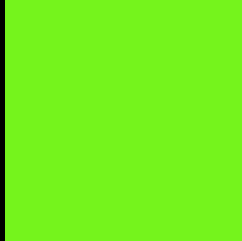
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 75F41C looks on a 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 75F41C Background



This preview shows how black text looks on a background with the Hex color 75F41C.

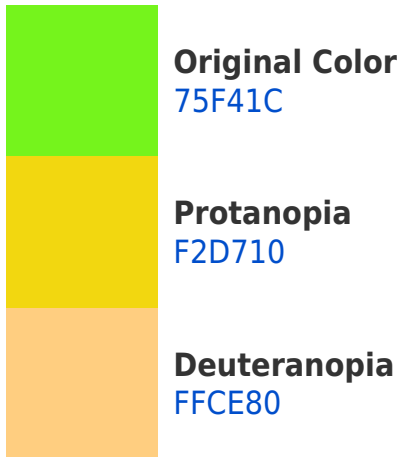


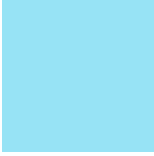
This preview shows how white text looks on a background with the Hex color 75F41C.

# 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](#).

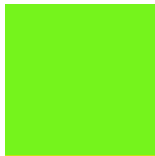
## Dichromacy





**Tritanopia**  
97E3F5

# Trichromacy



**Original Color**  
75F41C



**Protanomaly**  
C5E214



**Deuteranomaly**  
CDDC5C

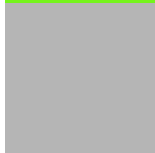


**Tritanomaly**  
8BE9A6

# Monochromacy



**Original Color**  
75F41C



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
9ECC7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75F41C 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 #75F41C looks like.

```
.text, #text, p{  
    color:#75F41C  
}
```

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 #75F41C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75F41C
}
```

## Border

The CSS property to change the border of an element to Hex 75F41C 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
#75F41C }
```

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

```
.border{ border-color:#75F41C }
```

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

Here you see how a box with a 4 pixel #75F41C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75F41C; -webkit-box-shadow:4px 4px  
4px 4px #75F41C; box-shadow:4px 4px 4px  
4px #75F41C }
```

# Background

The CSS property to change the background color of an element to Hex 75F41C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75F41C }
```

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

```
.background{ background-color:#75F41C }
```

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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