

# Converting Colors

Hex(73FC4C)

Have a look what the booklet for  
Hex(73FC4C) contains.

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**Color**

**Hex(73FC4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73FC4C
RGB	115, 252, 76
RGB Percent	45%, 99%, 30%
CMY	0.5490, 0.0118, 0.7020
CMYK	0.54, 0.00, 0.70, 0.01
HSL	107°, 97%, 64%
HSV	107°, 70%, 99%
XYZ	43.1851, 73.7874, 18.8038
YIQ	190.9730, -25.1560, -83.7800

# Conversions

## Conversions Part 2

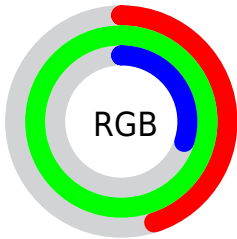
Format	Color
<a href="#">RYB</a>	<a href="#">76, 252, 213</a>
Decimal	<a href="#">7601228</a>
CIELab	<a href="#">88.82, -67.43, 69.35</a>
CIELCh	<a href="#">89, 96.730, 134.196</a>
Yxy	<a href="#">73.7874, 0.3181, 0.5434</a>
Android (android.graphics.Color)	<a href="#">4285791308 (0xFF73FC4C)</a>
YUV	<a href="#">190.9730, -56.6817, -66.6283</a>
Hunter-Lab	<a href="#">85.8996, -60.5853, 47.1509</a>

# Details

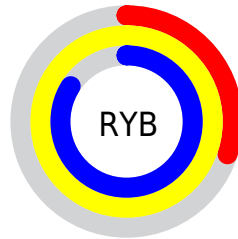
The Hex color **73FC4C** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **D54CFC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **B1FF85**, and **28C200** is the 20% darker color. If you saturate the color by 10%, you get **5FFC33**, and if you desaturate by 10%, it is **87FC65**.

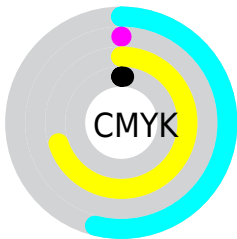
# Distribution



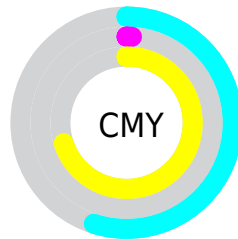
- Red (45%)
- Green (99%)
- Blue (30%)



- Red (30%)
- Yellow (99%)
- Blue (84%)



- Cyan (54%)
- Magenta (0%)
- Yellow (70%)
- Black (1%)



- Cyan (55%)
- Magenta (1%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73FC4C 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 73FC4C by changing the saturation by 10% instead.



 73FC4C

 73FC4C

FFFFFF

 51DF2C

 B1FF85

 28C200

 D0FFA2

 00A600

 EFFFBF

 008B00

 FFFFDC

 007000

 FFFFFA

 005600

 003E00

 002500

 000000

 73FC4C

 73FC4C

 5FFC33

 87FC65

 4CFC1A

 9AFC7E

 38FC00

 AEFC98

 C1FCB1

 D5FCCA

 E9FCE3

 FCFCFC

 FFFCFF

# Harmonies

## Analogous

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



E1E800



73FC4C



00FFA9

# Triad

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



73FC4C



00F7FF



FF7EB7

# Complementary

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



73FC4C



D54CFC

# 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.



FF87FF



73FC4C



5EDBFF

# Square

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



73FC4C



00FFFF



FFB1FF



FFA061

# Rectangle

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



73FC4C



00FFEA



FFB1FF



FF7BD6

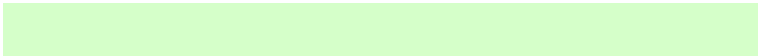


# Sweetspot

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



73FC4C



D5FFC9



FCD34C



678060



000000



808080



# Same Dimension

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



73FC4C



58FF29



4CFC7B



737D70



2ABD00



0E3D00



# Inverse Universe

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



D54CFC



D029FF



FC4CCD



7A707D



9300BD

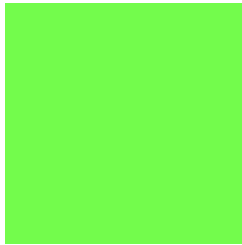


30003D



# Previews

## White Background



This preview shows how the Hex color 73FC4C 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 73FC4C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

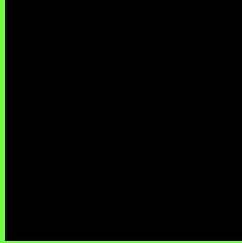
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

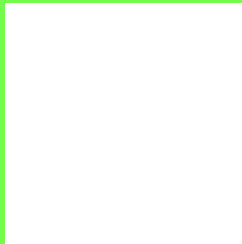
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73FC4C Background



This preview shows how black text looks on a background with the Hex color 73FC4C.

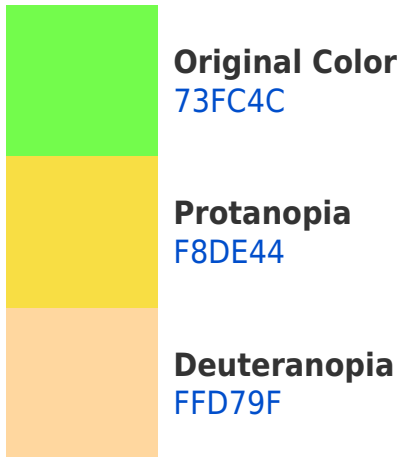


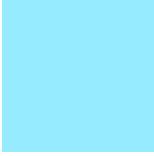
This preview shows how white text looks on a background with the Hex color 73FC4C.

# 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](#).

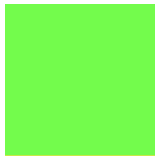
## Dichromacy





**Tritanopia**  
96EBFE

# Trichromacy



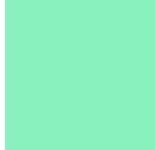
**Original Color**  
73FC4C



**Protanomaly**  
C8E947

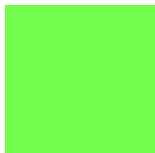


**Deuteranomaly**  
CCE481



**Tritanomaly**  
89F1BD

# Monochromacy



**Original Color**  
73FC4C



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
A3D595

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73FC4C 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 #73FC4C looks like.

```
.text, #text, p{  
    color:#73FC4C  
}
```

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 #73FC4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73FC4C
}
```

## Border

The CSS property to change the border of an element to Hex 73FC4C 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
#73FC4C }
```

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

```
.border{ border-color:#73FC4C }
```

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

Here you see how a box with a 4 pixel #73FC4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73FC4C; -webkit-box-shadow:4px 4px  
4px 4px #73FC4C; box-shadow:4px 4px 4px  
4px #73FC4C }
```

# Background

The CSS property to change the background color of an element to Hex 73FC4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73FC4C }
```

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

```
.background{ background-color:#73FC4C }
```

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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