

# Converting Colors

Hex(73C954)

Have a look what the booklet for  
Hex(73C954) contains.

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**Color**

**Hex(73C954)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73C954
RGB	115, 201, 84
RGB Percent	45%, 79%, 33%
CMY	0.5490, 0.2118, 0.6706
CMYK	0.43, 0.00, 0.58, 0.21
HSL	104°, 52%, 56%
HSV	104°, 58%, 79%
XYZ	29.5571, 46.0582, 15.7198
YIQ	161.9480, -13.6990, -54.6190

# Conversions

## Conversions Part 2

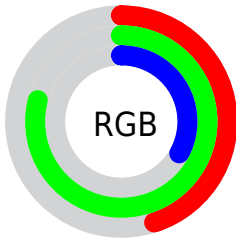
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 201, 170
Decimal	7588180
CIELab	73.58, -47.39, 49.53
CIELCh	74, 68.549, 133.731
Yxy	46.0582, 0.3236, 0.5043
Android (android.graphics.Color)	4285778260 (0xFF73C954)
YUV	161.9480, -38.4284, -41.1734
Hunter-Lab	67.8662, -41.0255, 33.7730

# Details

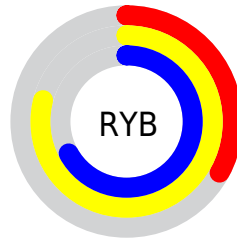
The Hex color **73C954** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **AA54C9**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ACFF89**, and **39921E** is the 20% darker color. If you saturate the color by 10%, you get **64C940**, and if you desaturate by 10%, it is **82C968**.

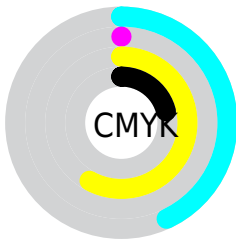
# Distribution



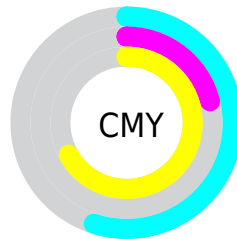
- Red (45%)
- Green (79%)
- Blue (33%)



- Red (33%)
- Yellow (79%)
- Blue (67%)



- Cyan (43%)
- Magenta (0%)
- Yellow (58%)
- Black (21%)



- Cyan (55%)
- Magenta (21%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73C954 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 73C954 by changing the saturation by 10% instead.



 73C954

 73C954

FFFFFF

 57AD3A

 ACFF89

 39921E

 C9FFA4

 167800

 E6FFC0

 005E00

 FFFFDD

 004600

 FFFFFA

 002F00

 001500

 000000

 73C954

 73C954

 64C940

 82C968

 55C92C

 91C97C

 47C918

 9FC990

 38C904

 AEC9A4

 35C900

 BDC9B9

 CCC9CD

 DAC9E1

 E9C9F5

 F8C9FF

# Harmonies

## Analogous

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



BABB2C



73C954



00D18F

# Triad

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



73C954



00C5FF



FF7A9A

# Complementary

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



73C954



AA54C9

# 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.



FF7FDA



73C954



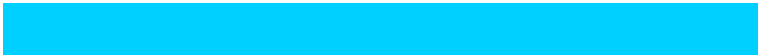
71B2FF

# Square

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



73C954



00D0FF



DD97FF



FF8C60

# Rectangle

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



73C954



00D3BB



DD97FF



FF79AF

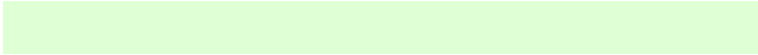


# Sweetspot

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



73C954



DFFFD4



C9AA54



6D8066



000000



808080



# Same Dimension

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



73C954



7CFF4D



54C96F



5C635A



2BA300



092400



# Inverse Universe

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



AA54C9



D04DFF



C954AE



615A63



7800A3



1A0024



# Previews

## White Background



This preview shows how the Hex color 73C954 looks on a white background.

## Color Contrast Check

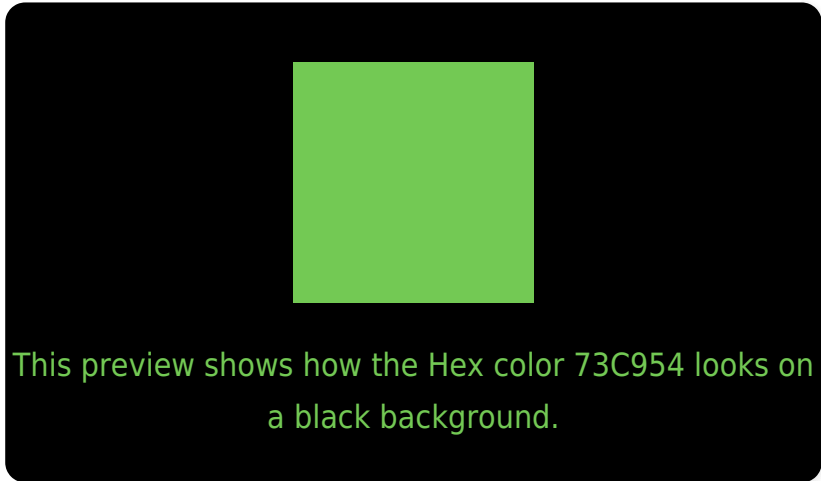
Large Text (above 18pt) WCAG AA × Fail

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 73C954 Background



This preview shows how black text looks on a background with the Hex color 73C954.

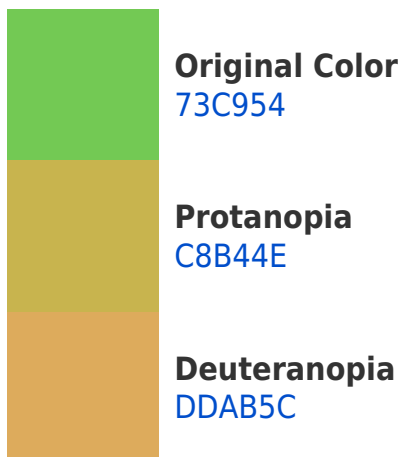


This preview shows how white text looks on a background with the Hex color 73C954.

# 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





# Trichromacy



**Original Color**  
73C954



**Protanomaly**  
A9BC50



**Deuteranomaly**  
B6B659



**Tritanomaly**  
80C1A0

# Monochromacy



**Original Color**  
73C954



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
91B086

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73C954 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 #73C954 looks like.

```
.text, #text, p{  
    color:#73C954  
}
```

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 #73C954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C954
}
```

## Border

The CSS property to change the border of an element to Hex 73C954 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
#73C954 }
```

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

```
.border{ border-color:#73C954 }
```

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

Here you see how a box with a 4 pixel #73C954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C954; -webkit-box-shadow:4px 4px  
4px 4px #73C954; box-shadow:4px 4px 4px  
4px #73C954 }
```

# Background

The CSS property to change the background color of an element to Hex 73C954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C954 }
```

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

```
.background{ background-color:#73C954 }
```

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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