

# Converting Colors

Hex(73C373)

Have a look what the booklet for  
Hex(73C373) contains.

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**Color**

**Hex(73C373)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73C373
RGB	115, 195, 115
RGB Percent	45%, 76%, 45%
CMY	0.5490, 0.2353, 0.5490
CMYK	0.41, 0.00, 0.41, 0.24
HSL	120°, 40%, 61%
HSV	120°, 41%, 76%
XYZ	29.6798, 43.9129, 23.1314
YIQ	161.9600, -22.0000, -41.8400

# Conversions

## Conversions Part 2

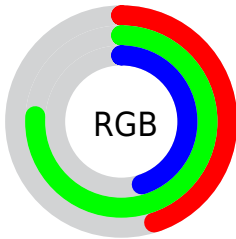
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 195, 195
Decimal	7586675
CIELab	72.17, -40.83, 32.68
CIElCh	72, 52.295, 141.324
Yxy	43.9129, 0.3069, 0.4540
Android (android.graphics.Color)	4285776755 (0xFF73C373)
YUV	161.9600, -23.1513, -41.1839
Hunter-Lab	66.2668, -36.0195, 25.6907

# Details

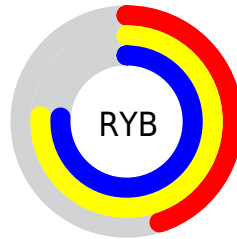
The Hex color **73C373** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C373C3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AAFCA8**, and **3C8D41** is the 20% darker color. If you saturate the color by 10%, you get **60C360**, and if you desaturate by 10%, it is **86C386**.

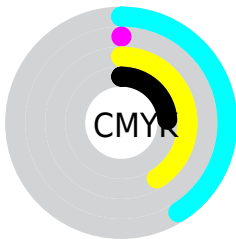
# Distribution



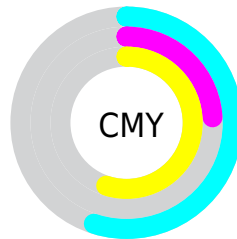
- Red (45%)
- Green (76%)
- Blue (45%)



- Red (45%)
- Yellow (76%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (41%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73C373 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 73C373 by changing the saturation by 10% instead.



 73C373

 73C373

FFFFFF

 58A75A

 AAFCA8

 3C8D41

 C7FFC3

 1E7329

 E4FFE0


 005911

FFFFFFC

 004100

 002B00

 000E00

 000000

 73C373

 73C373

 60C360

 86C386

 4CC34C

 9AC39A

 39C339

 AEC3AE

 25C325

 C1C3C1

 12C312

 D5C3D5

 00C300

 E8C3E8

 FCC3FC

 FFC3FF

# Harmonies

## Analogous

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



ABB954



73C373



00C8A1

# Triad

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



73C373



28BAFF



FF8B91

# Complementary

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



73C373



C373C3

# 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.



FF8AC1



73C373



9EAAFF

# Square

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



73C373



00C5FA



DF97ED



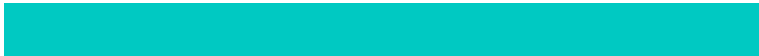
FB9868

# Rectangle

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



73C373



00C9C2



DF97ED



FF89A1

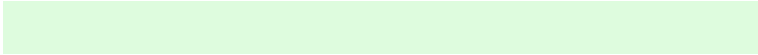


# Sweetspot

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



73C373



DEFCDE



C3C373



6E806E



000000



808080



# Same Dimension

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



73C373



81FC81



73C39B



576157



00A100



002100



# Inverse Universe

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



C373C3



FC81FC



C3739B



615761



A100A1



210021



# Previews

## White Background



This preview shows how the Hex color 73C373 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 73C373 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

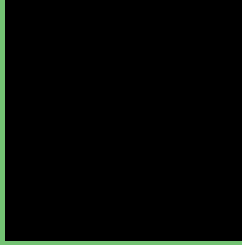
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73C373 Background



This preview shows how black text looks on a background with the Hex color 73C373.

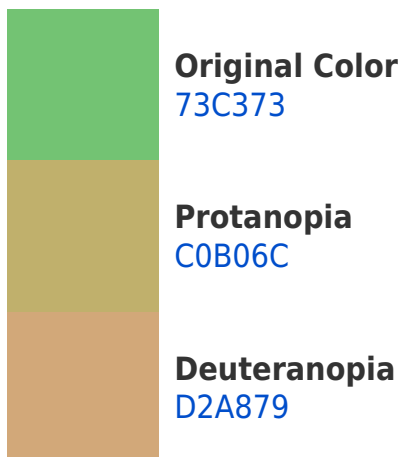


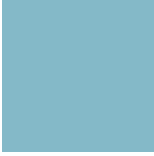
This preview shows how white text looks on a background with the Hex color 73C373.

# 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**  
84B9C8

# Trichromacy



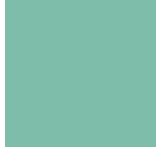
**Original Color**  
73C373



**Protanomaly**  
A4B76F



**Deuteranomaly**  
AFB277



**Tritanomaly**  
7EBDA9

# Monochromacy



**Original Color**  
73C373



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
91AE91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73C373 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 #73C373 looks like.

```
.text, #text, p{  
    color:#73C373  
}
```

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 #73C373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C373
}
```

## Border

The CSS property to change the border of an element to Hex 73C373 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
#73C373 }
```

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

```
.border{ border-color:#73C373 }
```

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

Here you see how a box with a 4 pixel #73C373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C373; -webkit-box-shadow:4px 4px  
4px 4px #73C373; box-shadow:4px 4px 4px  
4px #73C373 }
```

# Background

The CSS property to change the background color of an element to Hex 73C373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C373 }
```

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

```
.background{ background-color:#73C373 }
```

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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