

# Converting Colors

Hex(73C66B)

Have a look what the booklet for  
Hex(73C66B) contains.

<b>Hex(73C66B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(73C66B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73C66B
RGB	115, 198, 107
RGB Percent	45%, 78%, 42%
CMY	0.5490, 0.2235, 0.5804
CMYK	0.42, 0.00, 0.46, 0.22
HSL	115°, 44%, 60%
HSV	115°, 46%, 78%
XYZ	29.9182, 45.0945, 21.0372
YIQ	162.8090, -20.2570, -45.8970

# Conversions

## Conversions Part 2

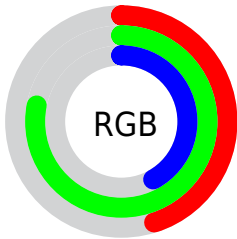
Format	Color
<a href="#">RYB</a>	<a href="#">107, 198, 190</a>
Decimal	<a href="#">7587435</a>
CIELab	<a href="#">72.95, -43.30, 37.75</a>
CIElCh	<a href="#">73, 57.444, 138.919</a>
Yxy	<a href="#">45.0945, 0.3115, 0.4695</a>
Android (android.graphics.Color)	<a href="#">4285777515 (0xFF73C66B)</a>
YUV	<a href="#">162.8090, -27.5138, -41.9285</a>
Hunter-Lab	<a href="#">67.1525, -37.9905, 28.4327</a>

# Details

The Hex color **73C66B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BE6BC6**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **ABFFA0**, and **3B8F39** is the 20% darker color. If you saturate the color by 10%, you get **61C657**, and if you desaturate by 10%, it is **85C67F**.

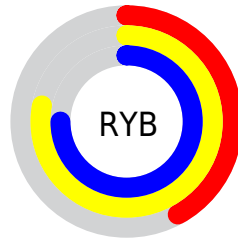
# Distribution



Red (45%)

Green (78%)

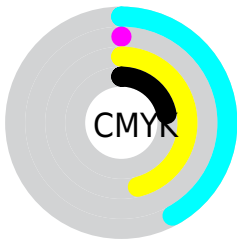
Blue (42%)



Red (42%)

Yellow (78%)

Blue (75%)

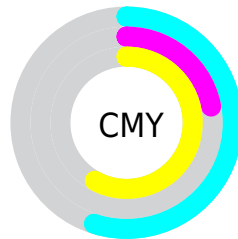


Cyan (42%)

Magenta (0%)

Yellow (46%)

Black (22%)



Cyan (55%)

Magenta (22%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73C66B 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 73C66B by changing the saturation by 10% instead.



 73C66B

 73C66B

FFFFFF

 57AA52

 ABFFA0

 3B8F39

 C7FFBB

 1C7520

 E4FFD7

 005C04

 FFFFF4

 004300

 002D00

 001200

 000000

 73C66B

 73C66B

 61C657

 85C67F

 4FC643

 97C693

 3DC630


 A9C6A6

 2BC61C

 BBC6BA

 19C608

 CDC6CE

 11C600

 DFC6E2

 F1C6F6

 FFC6FF

# Harmonies

## Analogous

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



B1BA4A



73C66B



00CC9D

# Triad

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



73C66B



00BEFF



FF8794

# Complementary

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



73C66B



BE6BC6

# 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.



FF88C9



73C66B



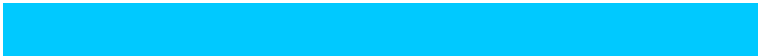
95ADFF

# Square

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



73C66B



00C9FF



E098F9



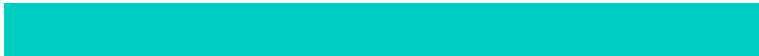
FF9665

# Rectangle

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



73C66B



00CDC2



E098F9



FF85A5

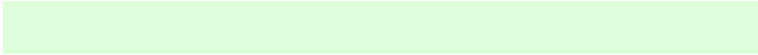


# Sweetspot

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



73C66B



DEFFDB



C6BD6B



6C806A



000000



808080



# Same Dimension

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



73C66B



7FFF73



6BC68F



5A635A



0EA300



032400



# Inverse Universe

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



BE6BC6



F373FF



C66BA2



635A63



9500A3



210024



# Previews

## White Background



This preview shows how the Hex color 73C66B looks on a white background.

## Color Contrast Check

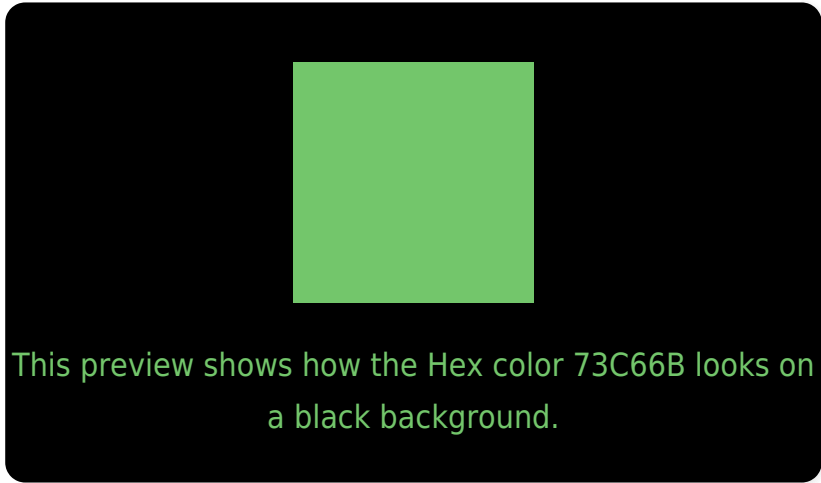
Large Text (above 18pt) WCAG AA × Fail

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 73C66B Background



This preview shows how black text looks on a background with the Hex color 73C66B.

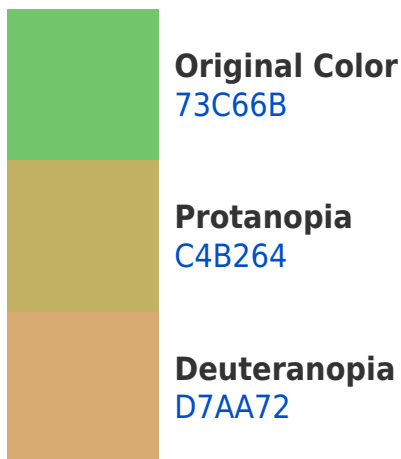


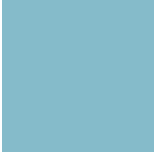
This preview shows how white text looks on a background with the Hex color 73C66B.

# 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](#).

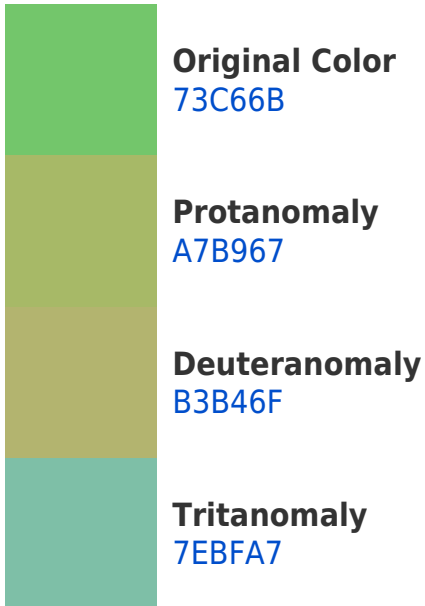
## Dichromacy



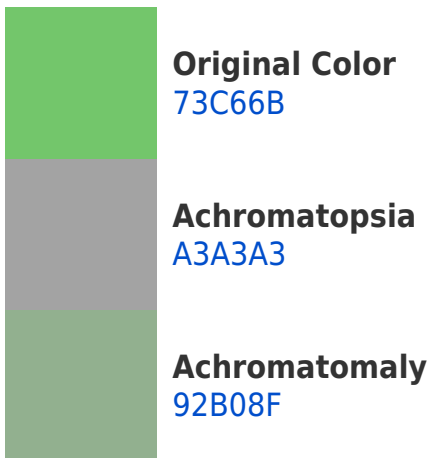


**Tritanopia**  
85BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73C66B 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 #73C66B looks like.

```
.text, #text, p{  
    color:#73C66B  
}
```

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 #73C66B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C66B
}
```

## Border

The CSS property to change the border of an element to Hex 73C66B 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
#73C66B }
```

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

```
.border{ border-color:#73C66B }
```

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

Here you see how a box with a 4 pixel #73C66B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C66B; -webkit-box-shadow:4px 4px  
4px 4px #73C66B; box-shadow:4px 4px 4px  
4px #73C66B }
```

# Background

The CSS property to change the background color of an element to Hex 73C66B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C66B }
```

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

```
.background{ background-color:#73C66B }
```

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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