

# Converting Colors

Hex(73C961)

Have a look what the booklet for  
Hex(73C961) contains.

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**Color**

**Hex(73C961)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73C961
RGB	115, 201, 97
RGB Percent	45%, 79%, 38%
CMY	0.5490, 0.2118, 0.6196
CMYK	0.43, 0.00, 0.52, 0.21
HSL	110°, 49%, 58%
HSV	110°, 52%, 79%
XYZ	30.1145, 46.2812, 18.6552
YIQ	163.4300, -17.8720, -50.5760

# Conversions

## Conversions Part 2

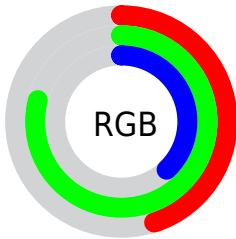
Format	Color
<a href="#">RYB</a>	<a href="#">97, 201, 183</a>
Decimal	<a href="#">7588193</a>
CIELab	<a href="#">73.73, -45.89, 43.62</a>
CIELCh	<a href="#">74, 63.315, 136.453</a>
Yxy	<a href="#">46.2812, 0.3168, 0.4869</a>
Android (android.graphics.Color)	<a href="#">4285778273 (0xFF73C961)</a>
YUV	<a href="#">163.4300, -32.7500, -42.4731</a>
Hunter-Lab	<a href="#">68.0303, -40.0375, 31.3627</a>

# Details

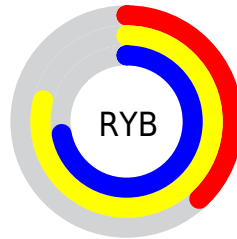
The Hex color **73C961** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B761C9**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **ABFF96**, and **3A922E** is the 20% darker color. If you saturate the color by 10%, you get **62C94D**, and if you desaturate by 10%, it is **84C975**.

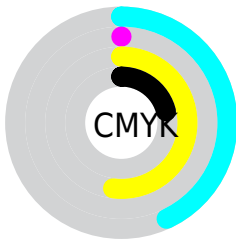
# Distribution



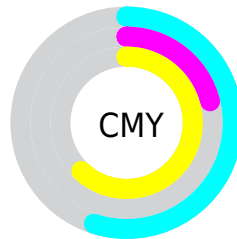
- Red (45%)
- Green (79%)
- Blue (38%)



- Red (38%)
- Yellow (79%)
- Blue (72%)



- Cyan (43%)
- Magenta (0%)
- Yellow (52%)
- Black (21%)



- Cyan (55%)
- Magenta (21%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73C961 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 73C961 by changing the saturation by 10% instead.



 73C961

 73C961

FFFFFF

 57AD47

 ABFF96

 3A922E

 C8FFB1

 187812

 E5FFCD

 005E00

 FFFFEA

 004600

 002F00

 001500

 000000

 73C961

 73C961

 62C94D

 84C975

 52C939

 94C989

 41C925

 A5C99D

 31C911

 B5C9B1

 23C900

 C6C9C6

 D7C9DA

 E7C9EE

 F8C9FF

 FFC9FF

# Harmonies

## Analogous

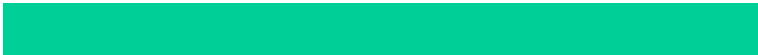
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B6BC3D



73C961



00D098

# Triad

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



73C961



00C3FF



FF8297

# Complementary

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



73C961



B761C9

# 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.



FF84D2



73C961



87B0FF

# Square

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



73C961



00CEFF



E198FF



FF9263

# Rectangle

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



73C961



00D2C0



E198FF



FF80AB

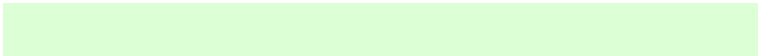


# Sweetspot

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



73C961



DFFD6



C9B661



6B8067



000000



808080



# Same Dimension

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



73C961



7CFF61



61C982



5B635A



1CA300



062400



# Inverse Universe

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



B761C9



E461FF



C961A8



625A63



8700A3



1E0024



# Previews

## White Background



This preview shows how the Hex color 73C961 looks on a white background.

## Color Contrast Check

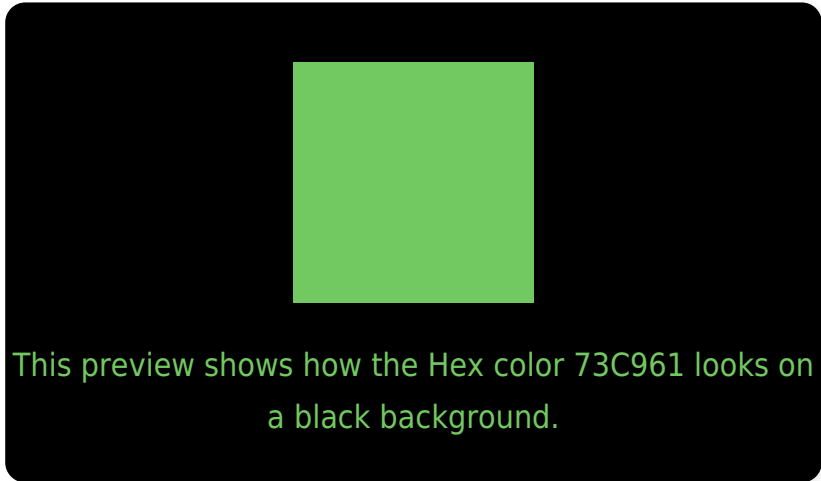
Large Text (above 18pt) WCAG AA × Fail

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

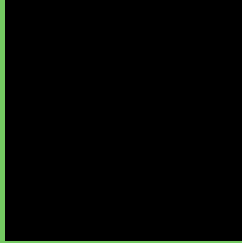
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73C961 Background



This preview shows how black text looks on a background with the Hex color 73C961.

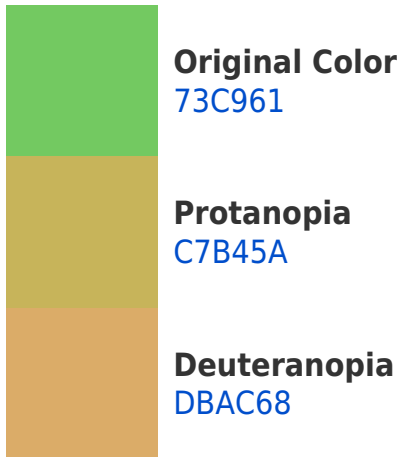


This preview shows how white text looks on a background with the Hex color 73C961.

# 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](#).

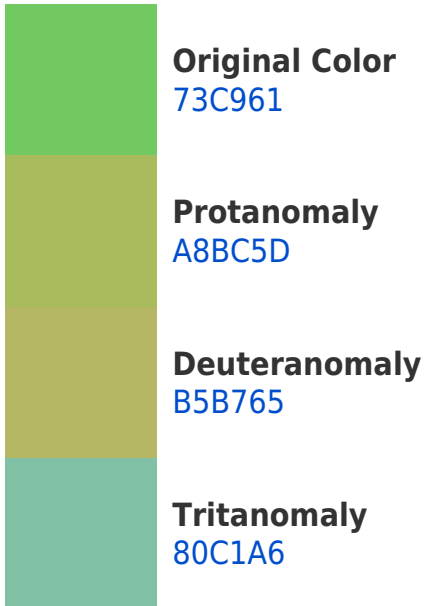
## Dichromacy



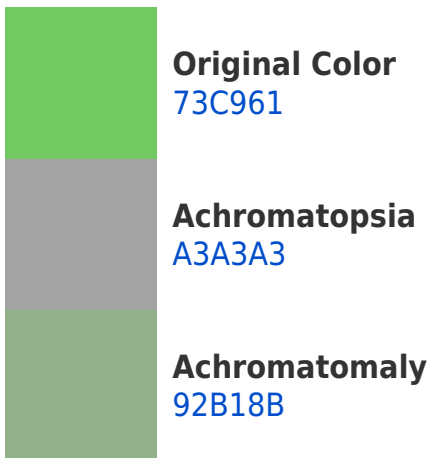


**Tritanopia**  
87BDCD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73C961 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 #73C961 looks like.

```
.text, #text, p{  
    color:#73C961  
}
```

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 #73C961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C961
}
```

## Border

The CSS property to change the border of an element to Hex 73C961 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
#73C961 }
```

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

```
.border{ border-color:#73C961 }
```

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

Here you see how a box with a 4 pixel #73C961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C961; -webkit-box-shadow:4px 4px  
4px 4px #73C961; box-shadow:4px 4px 4px  
4px #73C961 }
```

# Background

The CSS property to change the background color of an element to Hex 73C961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C961 }
```

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

```
.background{ background-color:#73C961 }
```

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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