

# Converting Colors

Hex(73CF68)

Have a look what the booklet for  
Hex(73CF68) contains.

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**Color**

**Hex(73CF68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73CF68
RGB	115, 207, 104
RGB Percent	45%, 81%, 41%
CMY	0.5490, 0.1882, 0.5922
CMYK	0.44, 0.00, 0.50, 0.19
HSL	114°, 52%, 61%
HSV	114°, 50%, 81%
XYZ	31.8817, 49.2700, 20.9264
YIQ	167.7500, -21.7690, -51.5370

# Conversions

## Conversions Part 2

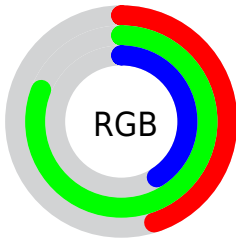
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 207, 196
Decimal	7589736
CIELab	75.62, -47.50, 42.55
CIELCh	76, 63.770, 138.151
Yxy	49.2700, 0.3123, 0.4827
Android (android.graphics.Color)	4285779816 (0xFF73CF68)
YUV	167.7500, -31.4287, -46.2617
Hunter-Lab	70.1926, -41.7616, 31.4587

# Details

The Hex color **73CF68** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C468CF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **ACFF9D**, and **399835** is the 20% darker color. If you saturate the color by 10%, you get **61CF53**, and if you desaturate by 10%, it is **85CF7D**.

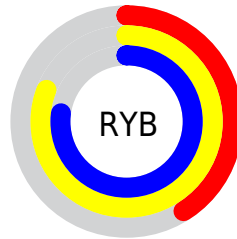
# Distribution



Red (45%)

Green (81%)

Blue (41%)



Red (41%)

Yellow (81%)

Blue (77%)

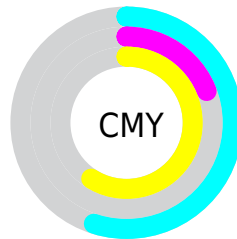


Cyan (44%)

Magenta (0%)

Yellow (50%)

Black (19%)



Cyan (55%)

Magenta (19%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73CF68 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 73CF68 by changing the saturation by 10% instead.





73CF68



73CF68

FFFFFF



57B34E



ACFF9D



399835



C9FFB9



157D1B



E6FFD5



006400



FFFFF1



004B00



003300



001C00



000000



73CF68



73CF68

 61CF53

 85CF7D

 4ECF3F

 98CF91

 3CCF2A

 AACFA6

 29CF15

 BDCFBB

 17CF01

 CFCFD0

 16CF00

 E2CFE4

 F4CFF9

 FFCFFF

# Harmonies

## Analogous

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



B8C242



73CF68



00D6A0

# Triad

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



73CF68



00C8FF



FF8799

# Complementary

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



73CF68



C468CF

# 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.



FF88D4



73CF68



93B4FF

# Square

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



73CF68



00D3FF



EB9CFF



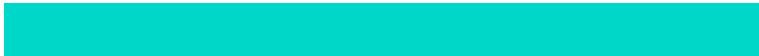
FF9865

# Rectangle

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



73CF68



00D7C9



EB9CFF



FF85AD

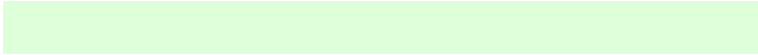


# Sweetspot

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



73CF68



DFFD9



CFC368



6B8069



000000



808080



# Same Dimension

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



73CF68



76FF66



68CF8F



5F695E



12A800



042900



# Inverse Universe

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



C468CF



EF66FF



CF68A8



675E69



9600A8



240029



# Previews

## White Background



This preview shows how the Hex color 73CF68 looks on a white background.

## Color Contrast Check

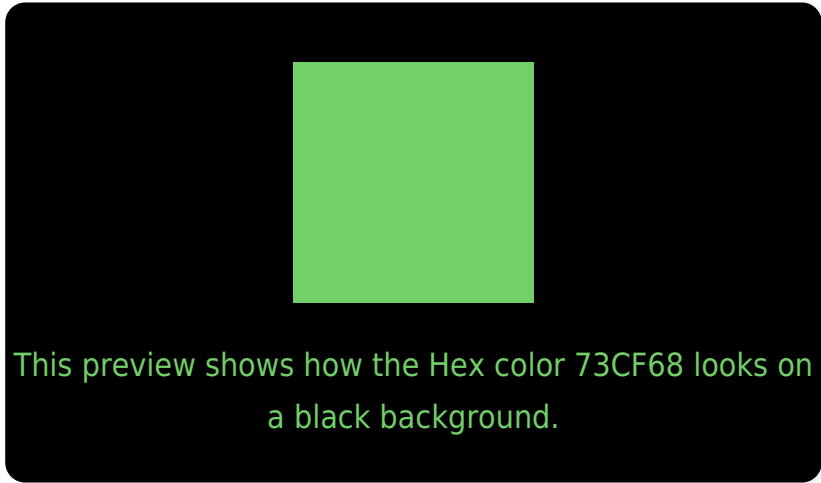
Large Text (above 18pt) WCAG AA × Fail

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

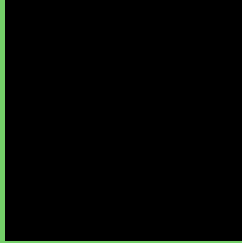
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73CF68 Background



This preview shows how black text looks on a background with the Hex color 73CF68.

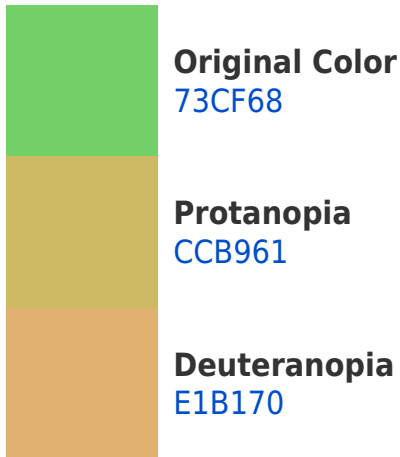


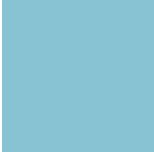
This preview shows how white text looks on a background with the Hex color 73CF68.

# 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](#).

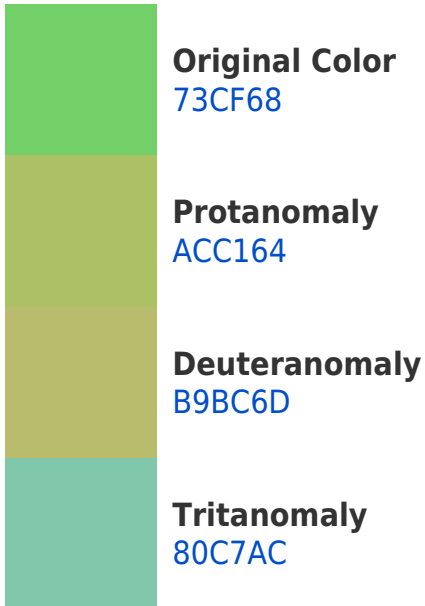
## Dichromacy



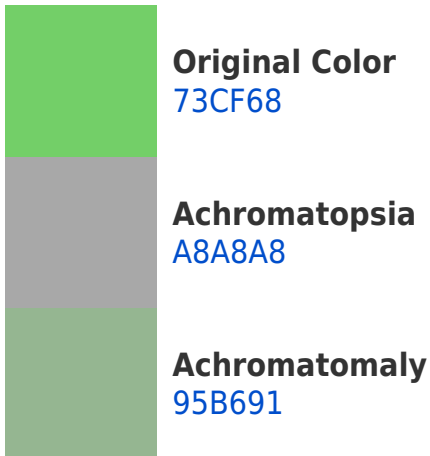


**Tritanopia**  
88C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73CF68 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 #73CF68 looks like.

```
.text, #text, p{  
    color:#73CF68  
}
```

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 #73CF68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73CF68
}
```

## Border

The CSS property to change the border of an element to Hex 73CF68 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
#73CF68 }
```

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

```
.border{ border-color:#73CF68 }
```

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

Here you see how a box with a 4 pixel #73CF68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73CF68; -webkit-box-shadow:4px 4px  
4px 4px #73CF68; box-shadow:4px 4px 4px  
4px #73CF68 }
```

# Background

The CSS property to change the background color of an element to Hex 73CF68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73CF68 }
```

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

```
.background{ background-color:#73CF68 }
```

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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