

# Converting Colors

Hex(70CF68)

Have a look what the booklet for  
Hex(70CF68) contains.

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**Color**

**Hex(70CF68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70CF68
RGB	112, 207, 104
RGB Percent	44%, 81%, 41%
CMY	0.5608, 0.1882, 0.5922
CMYK	0.46, 0.00, 0.50, 0.19
HSL	115°, 52%, 61%
HSV	115°, 50%, 81%
XYZ	31.4936, 49.0699, 20.9082
YIQ	166.8530, -23.5570, -52.1730

# Conversions

## Conversions Part 2

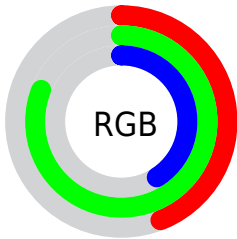
Format	Color
<a href="#">RYB</a>	<a href="#">104, 207, 199</a>
Decimal	<a href="#">7393128</a>
CIELab	<a href="#">75.49, -48.38, 42.36</a>
CIELCh	<a href="#">75, 64.309, 138.794</a>
Yxy	<a href="#">49.0699, 0.3104, 0.4836</a>
Android (android.graphics.Color)	<a href="#">4285583208 (0xFF70CF68)</a>
YUV	<a href="#">166.8530, -30.9865, -48.1061</a>
Hunter-Lab	<a href="#">70.0499, -42.3358, 31.3382</a>

# Details

The Hex color **70CF68** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C768CF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A9FF9D**, and **359835** is the 20% darker color. If you saturate the color by 10%, you get **5DCF53**, and if you desaturate by 10%, it is **83CF7D**.

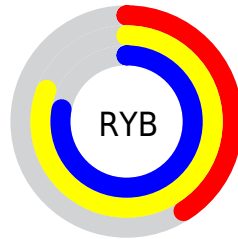
# Distribution



Red (44%)

Green (81%)

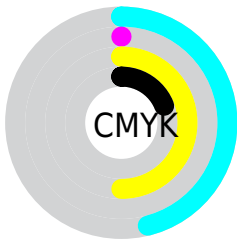
Blue (41%)



Red (41%)

Yellow (81%)

Blue (78%)

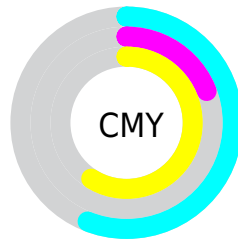


Cyan (46%)

Magenta (0%)

Yellow (50%)

Black (19%)



Cyan (56%)

Magenta (19%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70CF68 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 70CF68 by changing the saturation by 10% instead.





70CF68



70CF68

FFFFFF



53B34E



A9FF9D



359835



C6FFB9



0D7D1B



E3FFD5



006400



FFFFF1



004B00



003300



001C00



000000



70CF68



70CF68

 5DCF53

 83CF7D

 4ACF3F

 96CF91

 37CF2A

 A9CFA6

 24CF15

 BCCFBB

 11CF01

 CFCFD0

 10CF00

 E3CFE4

 F6CFF9

 FFCFFF

# Harmonies

## Analogous

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



B6C241



70CF68



00D6A1

# Triad

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



70CF68



00C7FF



FF8697

# Complementary

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



70CF68



C768CF

# 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.



FF87D3



70CF68



95B3FF

# Square

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



70CF68



00D3FF



EC9BFF



FF9862

# Rectangle

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



70CF68



00D7CA



EC9BFF



FF84AB

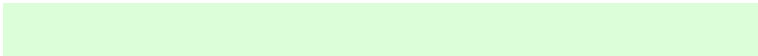


# Sweetspot

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



70CF68



DCFFD9



CFC668



6A8069



000000



808080



# Same Dimension

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



70CF68



72FF66



68CF93



5F695E



0DA800



032900



# Inverse Universe

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



C768CF



F366FF



CF68A4



685E69



9B00A8



260029



# Previews

## White Background



This preview shows how the Hex color 70CF68 looks on a white background.

## Color Contrast Check

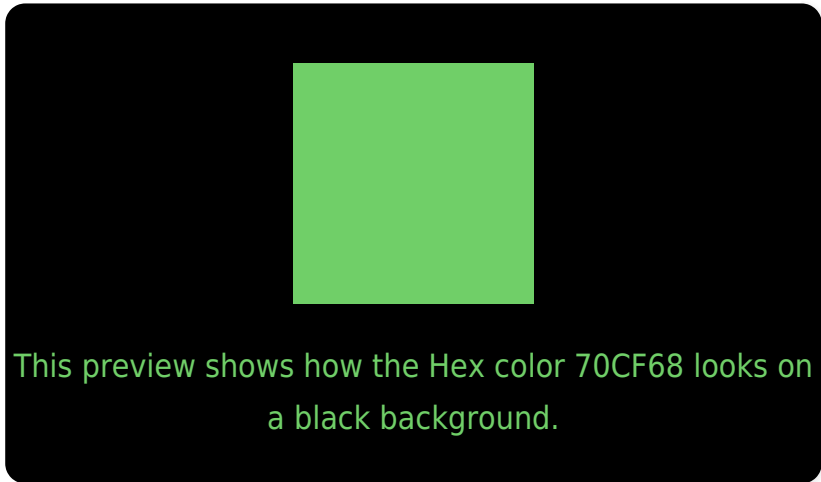
Large Text (above 18pt) WCAG AA × Fail

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

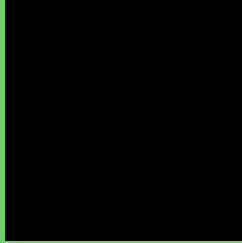
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70CF68 Background



This preview shows how black text looks on a background with the Hex color 70CF68.

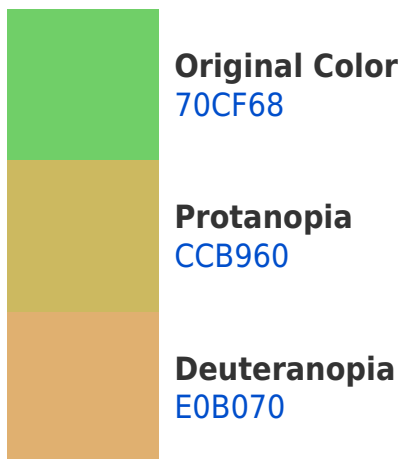


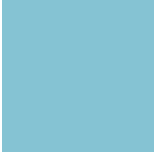
This preview shows how white text looks on a background with the Hex color 70CF68.

# 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





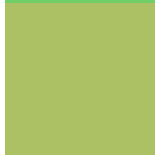
**Tritanopia**  
85C3D3

# Trichromacy



**Original Color**

70CF68



**Protanomaly**

ABC163



**Deuteranomaly**

B7BB6D



**Tritanomaly**

7DC7AC

# Monochromacy



**Original Color**

70CF68



**Achromatopsia**

A7A7A7



**Achromatomaly**

93B690

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70CF68 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 #70CF68 looks like.

```
.text, #text, p{  
    color:#70CF68  
}
```

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 #70CF68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70CF68
}
```

## Border

The CSS property to change the border of an element to Hex 70CF68 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
#70CF68 }
```

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

```
.border{ border-color:#70CF68 }
```

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

Here you see how a box with a 4 pixel #70CF68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70CF68; -webkit-box-shadow:4px 4px  
4px 4px #70CF68; box-shadow:4px 4px 4px  
4px #70CF68 }
```

# Background

The CSS property to change the background color of an element to Hex 70CF68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70CF68 }
```

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

```
.background{ background-color:#70CF68 }
```

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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