

# Converting Colors

Hex(70CD70)

Have a look what the booklet for  
Hex(70CD70) contains.

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**Color**

**Hex(70CD70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70CD70
RGB	112, 205, 112
RGB Percent	44%, 80%, 44%
CMY	0.5608, 0.1961, 0.5608
CMYK	0.45, 0.00, 0.45, 0.20
HSL	120°, 48%, 62%
HSV	120°, 45%, 80%
XYZ	31.4380, 48.2772, 22.9907
YIQ	166.5910, -25.5750, -48.6390

# Conversions

## Conversions Part 2

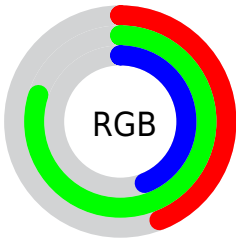
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 205, 205
Decimal	7392624
CIELab	75.00, -46.45, 37.80
CIElCh	75, 59.889, 140.863
Yxy	48.2772, 0.3061, 0.4701
Android (android.graphics.Color)	4285582704 (0xFF70CD70)
YUV	166.5910, -26.9134, -47.8763
Hunter-Lab	69.4818, -40.8283, 29.0189

# Details

The Hex color **70CD70** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CD70CD**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A8FFA5**, and **36963E** is the 20% darker color. If you saturate the color by 10%, you get **5CCD5C**, and if you desaturate by 10%, it is **84CD84**.

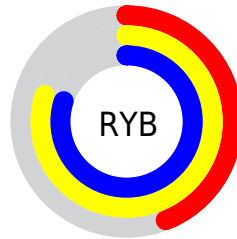
# Distribution



Red (44%)

Green (80%)

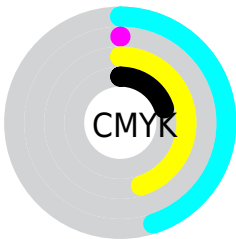
Blue (44%)



Red (44%)

Yellow (80%)

Blue (80%)

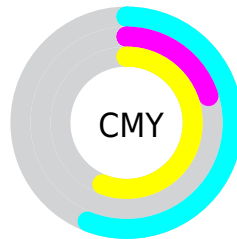


Cyan (45%)

Magenta (0%)

Yellow (45%)

Black (20%)



Cyan (56%)

Magenta (20%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70CD70 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 70CD70 by changing the saturation by 10% instead.



 70CD70

 70CD70


FFFFFF

 54B157

 A8FFA5

 36963E

 C5FFC1

 117B25

 E2FFDD

 00620A

 FFFFFA

 004900

 003200

 001A00

 000000

 70CD70

 70CD70

■ 5CCD5C

■ 84CD84

■ 47CD47

■ 99CD99

■ 32CD32

■ AECDAE

■ 1ECD1E

■ C2CDC2

■ 09CD09

■ D7CDD7

■ 00CD00

■ EBCDEB

■ FFCDFE

# Harmonies

## Analogous

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



B2C14B



70CD70



00D3A5

# Triad

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



70CD70



00C4FF



FF8B94

# Complementary

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



70CD70



CD70CD

# 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.



FF8ACC



70CD70



9FB1FF

# Square

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



70CD70



00CFFF



EC9AFF



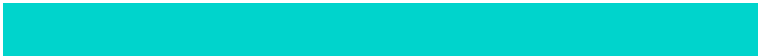
FF9B65

# Rectangle

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



70CD70



00D4CC



EC9AFF



FF88A7

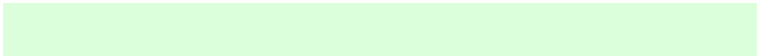


# Sweetspot

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



70CD70



DBFFDB



CDCD70



6A806A



000000



808080



# Same Dimension

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



70CD70



75FF75



70CD9F



5C665C



00A600



002600



# Inverse Universe

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



CD70CD



FF75FF



CD709F



665C66



A600A6



260026



# Previews

## White Background



This preview shows how the Hex color 70CD70 looks on a white background.

## Color Contrast Check

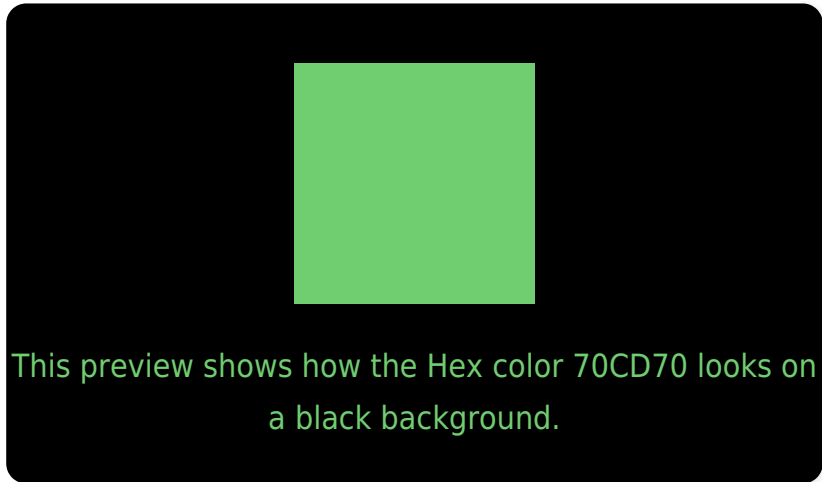
Large Text (above 18pt) WCAG AA × Fail

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

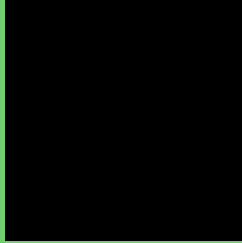
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70CD70 Background



This preview shows how black text looks on a background with the Hex color 70CD70.

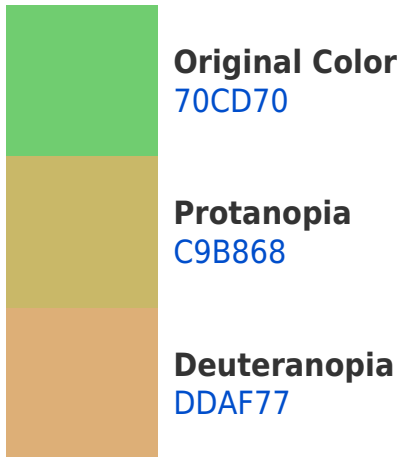


This preview shows how white text looks on a background with the Hex color 70CD70.

# 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**  
84C2D1

# Trichromacy



**Original Color**  
70CD70



**Protanomaly**  
A9C06B



**Deuteranomaly**  
B5BA74



**Tritanomaly**  
7DC6AE

# Monochromacy



**Original Color**  
70CD70



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
93B593

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70CD70 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 #70CD70 looks like.

```
.text, #text, p{  
    color:#70CD70  
}
```

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 #70CD70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70CD70
}
```

## Border

The CSS property to change the border of an element to Hex 70CD70 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
#70CD70 }
```

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

```
.border{ border-color:#70CD70 }
```

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

Here you see how a box with a 4 pixel #70CD70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70CD70; -webkit-box-shadow:4px 4px  
4px 4px #70CD70; box-shadow:4px 4px 4px  
4px #70CD70 }
```

# Background

The CSS property to change the background color of an element to Hex 70CD70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70CD70 }
```

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

```
.background{ background-color:#70CD70 }
```

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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