

# Converting Colors

Hex(70D85A)

Have a look what the booklet for  
Hex(70D85A) contains.

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**Color**

**Hex(70D85A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70D85A
RGB	112, 216, 90
RGB Percent	44%, 85%, 35%
CMY	0.5608, 0.1529, 0.6471
CMYK	0.48, 0.00, 0.58, 0.15
HSL	110°, 62%, 60%
HSV	110°, 58%, 85%
XYZ	33.0834, 53.2947, 18.2161
YIQ	170.5400, -21.5380, -61.2340

# Conversions

## Conversions Part 2

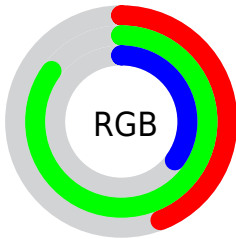
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 216, 194
Decimal	7395418
CIELab	78.05, -53.66, 51.95
CIELCh	78, 74.690, 135.930
Yxy	53.2947, 0.3163, 0.5095
Android (android.graphics.Color)	4285585498 (0xFF70D85A)
YUV	170.5400, -39.7062, -51.3396
Hunter-Lab	73.0032, -46.8634, 36.3079

# Details

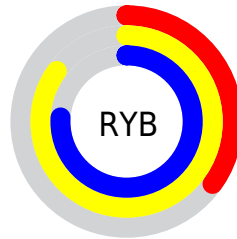
The Hex color **70D85A** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **C25AD8**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **AAFF90**, and **32A024** is the 20% darker color. If you saturate the color by 10%, you get **5ED844**, and if you desaturate by 10%, it is **82D870**.

# Distribution



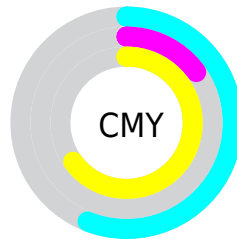
- Red (44%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (76%)



- Cyan (48%)
- Magenta (0%)
- Yellow (58%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70D85A 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 70D85A by changing the saturation by 10% instead.



 70D85A

 70D85A

FFFFFF

 52BC3F

 AAFF90

 32A024

 C8FFAB

 008500

 E5FFC7

 006B00

 FFFFE4

 005200

 003A00

 002300

 000000

 70D85A

 70D85A

 5ED844

 82D870

 4CD82F

 94D885

 3BD819

 A5D89B

 29D804

 B7D8B0

 26D800

 C9D8C6

 DBD8DC

 EDD8F1

 FFD8FF

# Harmonies

## Analogous

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



C1C928



70D85A



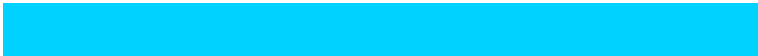
00E09D

# Triad

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



70D85A



00D2FF



FF809F

# Complementary

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



70D85A



C25AD8

# 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.



FF84E5



70D85A



80BCFF

# Square

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



70D85A



00DEFF



F39EFF



FF955F

# Rectangle

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



70D85A



00E2CD



F39EFF



FF7EB6

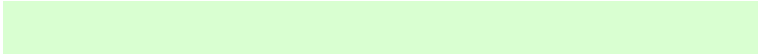


# Sweetspot

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



70D85A



D9FFD1



D8C15A



688063



000000



808080



# Same Dimension

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



70D85A



6CFF4D



5AD882



626B60



1EAB00



082B00



# Inverse Universe

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



C25AD8



E04DFF



D85AB0



69606B



8D00AB



24002B



# Previews

## White Background



This preview shows how the Hex color 70D85A looks on a white background.

## Color Contrast Check

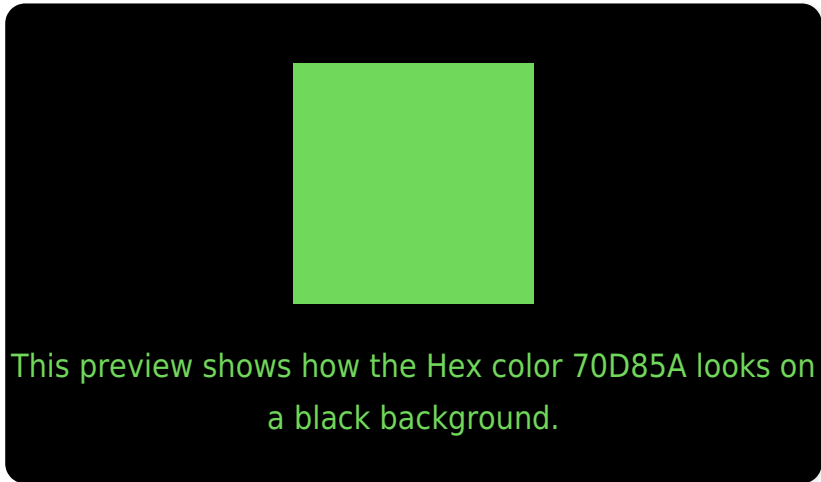
Large Text (above 18pt) WCAG AA × Fail

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 70D85A Background



This preview shows how black text looks on a background with the Hex color 70D85A.

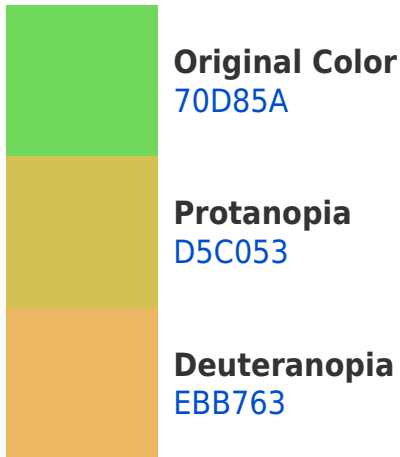


This preview shows how white text looks on a background with the Hex color 70D85A.

# 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](#).

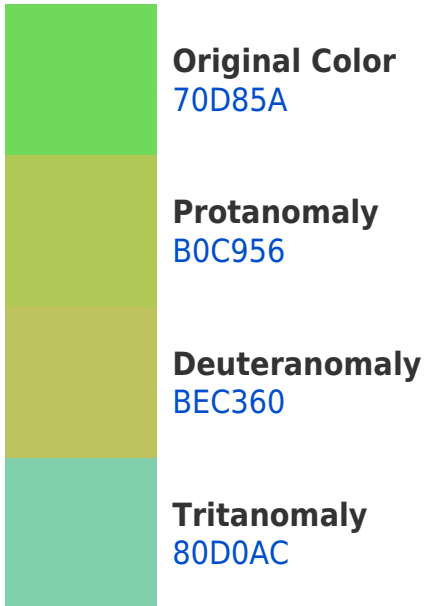
## Dichromacy



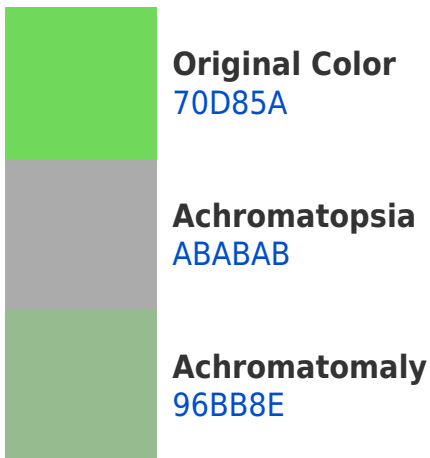


**Tritanopia**  
89CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70D85A 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 #70D85A looks like.

```
.text, #text, p{  
    color:#70D85A  
}
```

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 #70D85A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D85A
}
```

## Border

The CSS property to change the border of an element to Hex 70D85A 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
#70D85A }
```

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

```
.border{ border-color:#70D85A }
```

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

Here you see how a box with a 4 pixel #70D85A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D85A; -webkit-box-shadow:4px 4px  
4px 4px #70D85A; box-shadow:4px 4px 4px  
4px #70D85A }
```

# Background

The CSS property to change the background color of an element to Hex 70D85A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D85A }
```

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

```
.background{ background-color:#70D85A }
```

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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