

# Converting Colors

Hex(70B34C)

Have a look what the booklet for  
Hex(70B34C) contains.

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**Color**

**Hex(70B34C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70B34C
RGB	112, 179, 76
RGB Percent	44%, 70%, 30%
CMY	0.5608, 0.2980, 0.7020
CMYK	0.37, 0.00, 0.58, 0.30
HSL	99°, 40%, 50%
HSV	99°, 58%, 70%
XYZ	24.1067, 36.2067, 12.5555
YIQ	147.2250, -6.8690, -46.2370

# Conversions

## Conversions Part 2

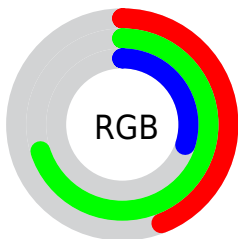
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 179, 143
Decimal	7385932
CIELab	66.68, -39.87, 45.20
CIELCh	67, 60.273, 131.416
Yxy	36.2067, 0.3308, 0.4969
Android (android.graphics.Color)	4285576012 (0xFF70B34C)
YUV	147.2250, -35.1139, -30.8923
Hunter-Lab	60.1720, -33.7887, 29.7490

# Details

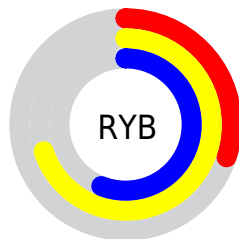
The Hex color **70B34C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8F4CB3**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A7EB80**, and **397E17** is the 20% darker color. If you saturate the color by 10%, you get **64B33A**, and if you desaturate by 10%, it is **7CB35E**.

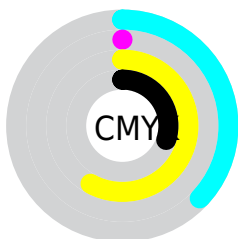
# Distribution



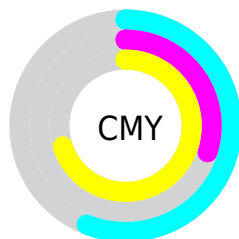
- Red (44%)
- Green (70%)
- Blue (30%)



- Red (30%)
- Yellow (70%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (58%)
- Black (30%)



- Cyan (56%)
- Magenta (30%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70B34C 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 70B34C by changing the saturation by 10% instead.



 70B34C

 70B34C

FFFFFF

 559832

 A7EB80

 397E17

 C4FF9B

 1B6400

 E1FFB6

 004C00

 FEFFD3

 003400

 FFFFEF

 001F00

 000000

 70B34C

 70B34C

 64B33A

 7CB35E

 59B328

 87B370

 4DB316

 93B382

 41B304

 9FB394

 3FB300

 AAB3A5

 B6B3B7

 C2B3C9

 CDB3DB

 D9B3ED

# Harmonies

## Analogous

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



ACA62E



70B34C



00BA7E

# Triad

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



70B34C



00B1FF



FF7090

# Complementary

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



70B34C



8F4CB3

# 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.



F376C6



70B34C



60A1FF

# Square

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



70B34C



00BAE9



C08BF4



FB7E5D

# Rectangle

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



70B34C



00BCA3



C08BF4



FF70A2



# Sweetspot

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



70B34C



CEE8C1



B38F4C



66755E



F5F5F5



757575



# Same Dimension

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



70B34C



80E848



4CB35B



535950



359900



091A00



# Inverse Universe

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



8F4CB3



B048E8



B34CA4



565059



640099



11001A



# Previews

## White Background



This preview shows how the Hex color 70B34C looks on a white background.

## Color Contrast Check

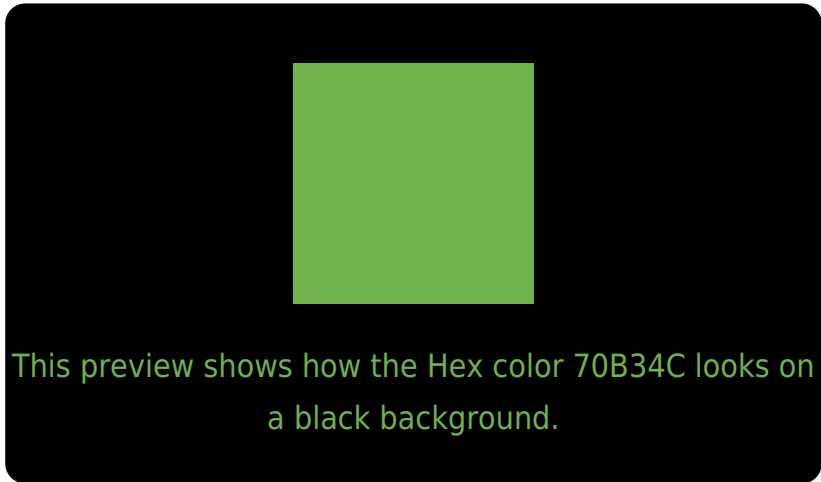
Large Text (above 18pt) WCAG AA × Fail

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 70B34C Background



This preview shows how black text looks on a background with the Hex color 70B34C.

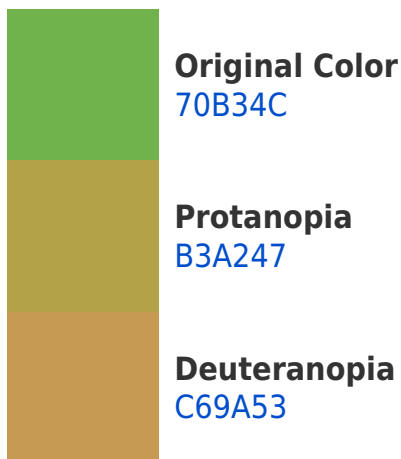


This preview shows how white text looks on a background with the Hex color 70B34C.

# 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](#).

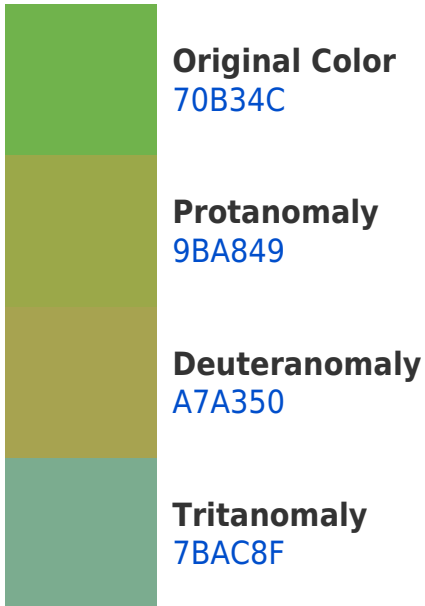
## Dichromacy





**Tritanopia**  
81A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70B34C 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 #70B34C looks like.

```
.text, #text, p{  
    color:#70B34C  
}
```

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 #70B34C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B34C
}
```

## Border

The CSS property to change the border of an element to Hex 70B34C 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
#70B34C }
```

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

```
.border{ border-color:#70B34C }
```

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

Here you see how a box with a 4 pixel #70B34C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B34C; -webkit-box-shadow:4px 4px  
4px 4px #70B34C; box-shadow:4px 4px 4px  
4px #70B34C }
```

# Background

The CSS property to change the background color of an element to Hex 70B34C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B34C }
```

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

```
.background{ background-color:#70B34C }
```

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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