

Converting Colors

Hex(70B449)

Have a look what the booklet for
Hex(70B449) contains.

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Color

Hex(70B449)

Conversions

Conversions Part 1

Format	Color
Hex	70B449
RGB	112, 180, 73
RGB Percent	44%, 71%, 29%
CMY	0.5608, 0.2941, 0.7137
CMYK	0.38, 0.00, 0.59, 0.29
HSL	98°, 42%, 50%
HSV	98°, 59%, 71%
XYZ	24.2059, 36.5683, 12.0859
YIQ	147.4700, -6.1810, -47.6930

Conversions

Conversions Part 2

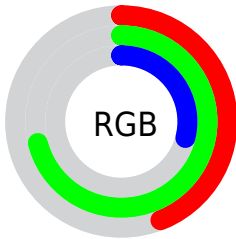
Format	Color
RYB	73, 180, 141
Decimal	7386185
CIELab	66.95, -40.62, 46.90
CIElCh	67, 62.047, 130.894
Yxy	36.5683, 0.3322, 0.5019
Android (android.graphics.Color)	4285576265 (0xFF70B449)
YUV	147.4700, -36.7137, -31.1072
Hunter-Lab	60.4717, -34.3746, 30.4805

Details

The Hex color **70B449** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8D49B4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A7EC7D**, and **397F13** is the 20% darker color. If you saturate the color by 10%, you get **65B437**, and if you desaturate by 10%, it is **7BB45B**.

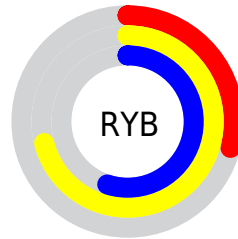
Distribution



Red (44%)

Green (71%)

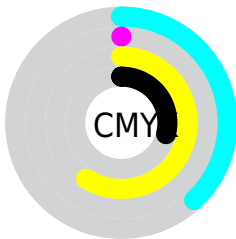
Blue (29%)



Red (29%)

Yellow (71%)

Blue (55%)

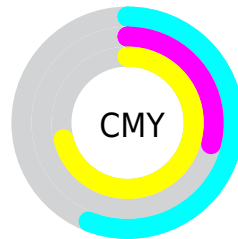


Cyan (38%)

Magenta (0%)

Yellow (59%)

Black (29%)



Cyan (56%)

Magenta (29%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B449 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 70B449 by changing the saturation by 10% instead.



70B449



70B449

FFFFFF



55992F



A7EC7D



397F13



C4FF98



1A6500



E1FFB4



004C00



FEFFD0



003500



FFFEC



002000



000000



70B449



70B449



65B437



7BB45B

 59B425

 87B46D

 4EB413

 92B47F

 42B401

 9EB491

 42B400

 A9B4A3

 B5B4B5

 C0B4C7

 CCB4D9

 D7B4EB

Harmonies

Analogous

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



ADA729



70B449



00BB7C

Triad

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



70B449



00B3FF



FF6F91

Complementary

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



70B449



8D49B4

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.



F675C9



70B449



5AA2FF

Square

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



70B449



00BCEB



C08BF8



FE7D5C

Rectangle

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



70B449



00BEA3



C08BF8



FF6FA4

Sweetspot

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



70B449



D0EBC0



B48D49



65755B



F5F5F5



757575

Same Dimension

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



70B449



81EB44



49B457



545950



389900



091A00

Inverse Universe

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



8D49B4



AE44EB



B449A6



565059



610099



10001A

Previews

White Background



This preview shows how the Hex color 70B449 looks on a white background.

Color Contrast Check

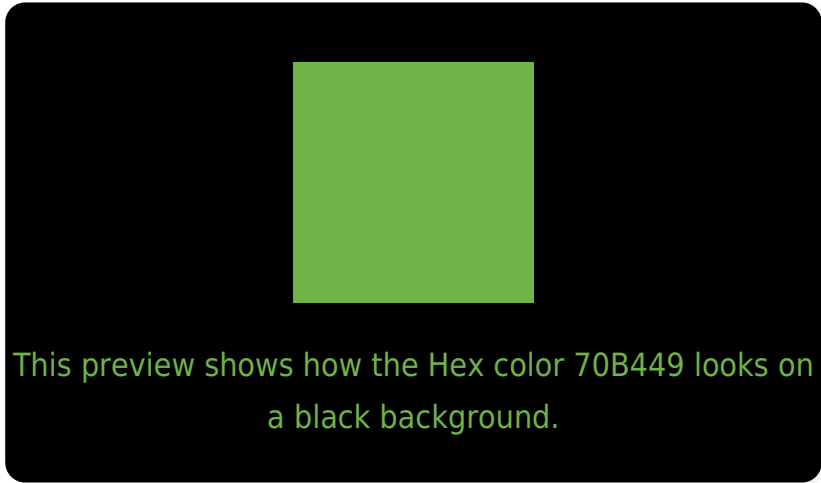
Large Text (above 18pt) WCAG AA × Fail

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 70B449 Background



This preview shows how black text looks on a background with the Hex color 70B449.

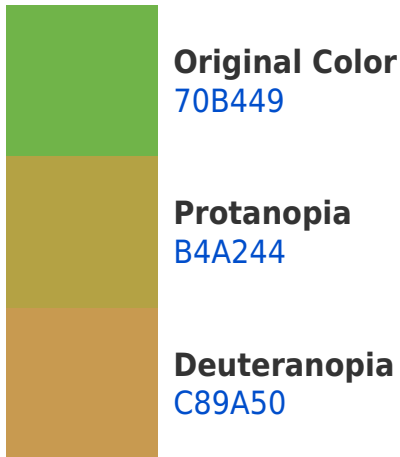


This preview shows how white text looks on a background with the Hex color 70B449.

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](#).

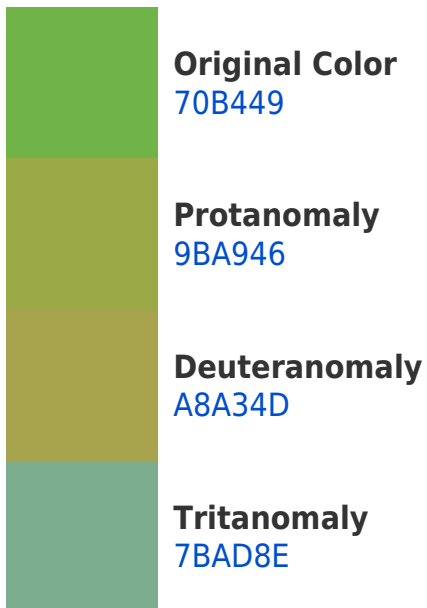
Dichromacy



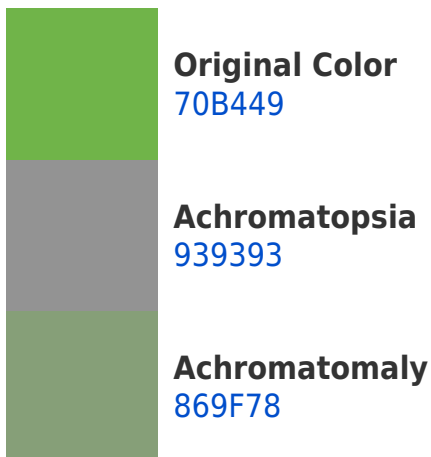


Tritanopia
81A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B449 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 #70B449 looks like.

```
.text, #text, p{  
    color:#70B449  
}
```

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 #70B449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B449
}
```

Border

The CSS property to change the border of an element to Hex 70B449 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
#70B449 }
```

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

```
.border{ border-color:#70B449 }
```

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

Here you see how a box with a 4 pixel #70B449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B449; -webkit-box-shadow:4px 4px  
4px 4px #70B449; box-shadow:4px 4px 4px  
4px #70B449 }
```

Background

The CSS property to change the background color of an element to Hex 70B449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B449 }
```

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

```
.background{ background-color:#70B449 }
```

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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