

Converting Colors

Hex(70B647)

Have a look what the booklet for
Hex(70B647) contains.

Hex(70B647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70B647)

Conversions

Conversions Part 1

Format	Color
Hex	70B647
RGB	112, 182, 71
RGB Percent	44%, 71%, 28%
CMY	0.5608, 0.2863, 0.7216
CMYK	0.38, 0.00, 0.61, 0.29
HSL	98°, 44%, 50%
HSV	98°, 61%, 71%
XYZ	24.5474, 37.3556, 11.8778
YIQ	148.4160, -6.0890, -49.3610

Conversions

Conversions Part 2

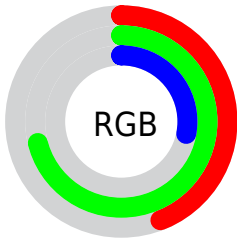
Format	Color
RYB	71, 182, 141
Decimal	7386695
CIELab	67.54, -41.68, 48.48
CIELCh	68, 63.935, 130.692
Yxy	37.3556, 0.3327, 0.5063
Android (android.graphics.Color)	4285576775 (0xFF70B647)
YUV	148.4160, -38.1661, -31.9368
Hunter-Lab	61.1192, -35.2675, 31.2611

Details

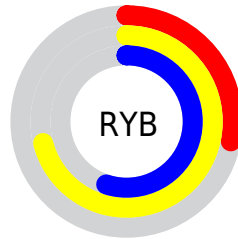
The Hex color **70B647** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8D47B6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A8EE7B**, and **39800E** is the 20% darker color. If you saturate the color by 10%, you get **65B635**, and if you desaturate by 10%, it is **7BB659**.

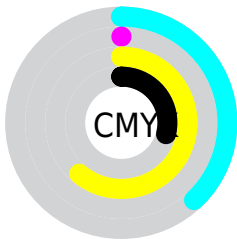
Distribution



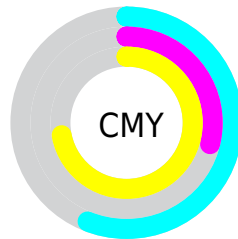
- Red (44%)
- Green (71%)
- Blue (28%)



- Red (28%)
- Yellow (71%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (61%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B647 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 70B647 by changing the saturation by 10% instead.

 70B647

 70B647

FFFFFF

 559B2D

 A8EE7B

 39800E

 C4FF96

 196700

 E1FFB2

 004E00

 FFFFCE

 003600

 FFFFEB

 002200

 000000

 70B647

 70B647

 65B635

 7BB659

 59B623

 87B66B

 4EB610

 92B67E

 43B600

 9EB690

 A9B6A2

 B5B6B4

 C0B6C6

 CCB6D9

 D7B6EB

Harmonies

Analogous

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



AFA825



70B647



00BE7C

Triad

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



70B647



00B5FF



FF6E92

Complementary

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



70B647



8D47B6

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.



F975CC



70B647



56A4FF

Square

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



70B647



00BEEE



C28CFC



FF7D5C

Rectangle

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



70B647



00C0A4



C28CFC



FF6EA6

Sweetspot

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



70B647



D2EDC2



B68B47



67785D



F7F7F7



787878

Same Dimension

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



70B647



80ED40



47B654



565C53



399C00



0A1C00

Inverse Universe

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



8D47B6



AD40ED



B647A9



58535C



62009C



12001C

Previews

White Background



This preview shows how the Hex color 70B647 looks on a white background.

Color Contrast Check

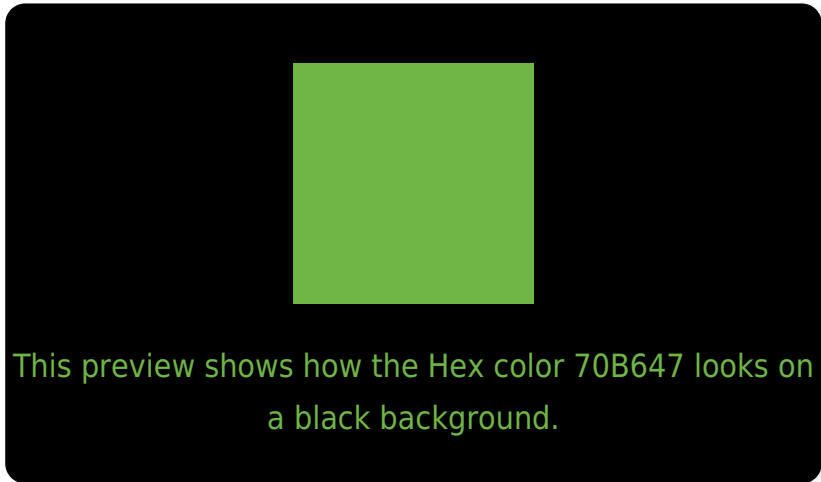
Large Text (above 18pt) WCAG AA × Fail

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

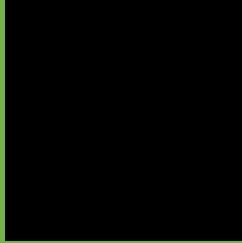
Any Text WCAG AA ✓ Pass

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 70B647 Background



This preview shows how black text looks on a background with the Hex color 70B647.

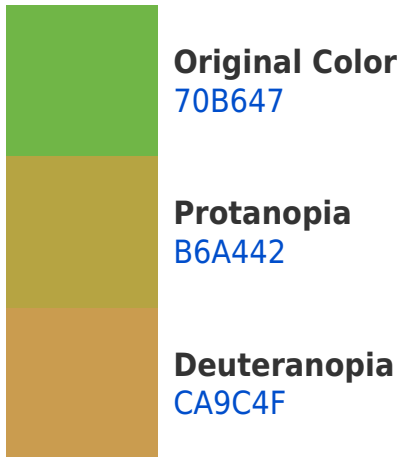


This preview shows how white text looks on a background with the Hex color 70B647.

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](#).

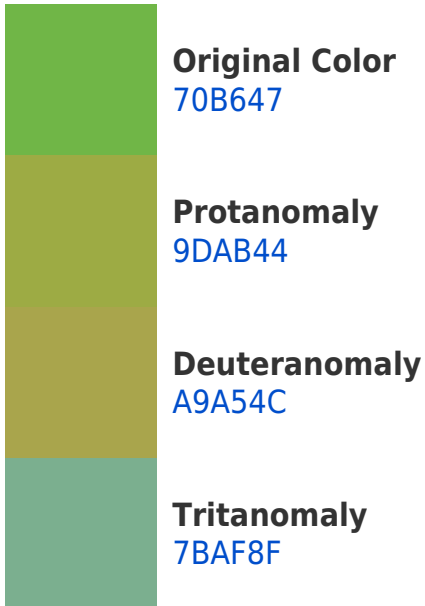
Dichromacy



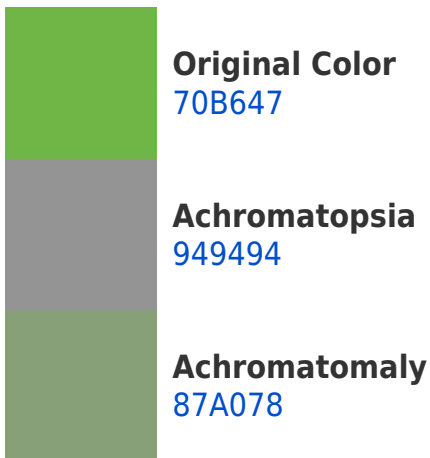


Tritanopia
82ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B647 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 #70B647 looks like.

```
.text, #text, p{  
    color:#70B647  
}
```

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 #70B647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B647
}
```

Border

The CSS property to change the border of an element to Hex 70B647 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
#70B647 }
```

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

```
.border{ border-color:#70B647 }
```

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

Here you see how a box with a 4 pixel #70B647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B647; -webkit-box-shadow:4px 4px  
4px 4px #70B647; box-shadow:4px 4px 4px  
4px #70B647 }
```

Background

The CSS property to change the background color of an element to Hex 70B647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B647 }
```

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

```
.background{ background-color:#70B647 }
```

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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