

Converting Colors

Hex(70B869)

Have a look what the booklet for
Hex(70B869) contains.

Hex(70B869)	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(70B869)

Conversions

Conversions Part 1

Format	Color
Hex	70B869
RGB	112, 184, 105
RGB Percent	44%, 72%, 41%
CMY	0.5608, 0.2784, 0.5882
CMYK	0.39, 0.00, 0.43, 0.28
HSL	115°, 36%, 57%
HSV	115°, 43%, 72%
XYZ	26.3724, 38.7456, 19.4533
YIQ	153.4660, -17.5530, -39.8330

Conversions

Conversions Part 2

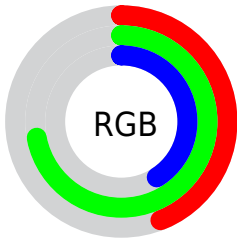
Format	Color
RYB	105, 184, 177
Decimal	7387241
CIELab	68.57, -38.39, 33.16
CIELCh	69, 50.732, 139.183
Yxy	38.7456, 0.3118, 0.4581
Android (android.graphics.Color)	4285577321 (0xFF70B869)
YUV	153.4660, -23.8937, -36.3657
Hunter-Lab	62.2460, -33.3036, 25.0427

Details

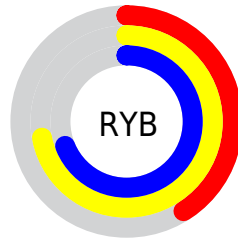
The Hex color **70B869** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **B169B8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A7F19D**, and **3A8238** is the 20% darker color. If you saturate the color by 10%, you get **5FB857**, and if you desaturate by 10%, it is **81B87B**.

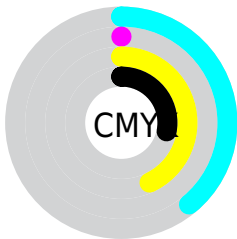
Distribution



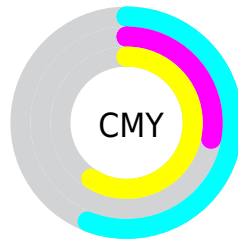
- Red (44%)
- Green (72%)
- Blue (41%)



- Red (41%)
- Yellow (72%)
- Blue (69%)



- Cyan (39%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)



- Cyan (56%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B869 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 70B869 by changing the saturation by 10% instead.

 70B869

 70B869

FFFFFF

 559D50

 A7F19D

 3A8238

 C3FFB9

 1D6920

 E0FFD4

 005006

 F0FFF1

 003800


 002400

 000000

 70B869

 70B869

 5FB857

 81B87B

 4EB844

 92B88E

 3EB832

 A2B8A0

 2DB81F

 B3B8B3

 1CB80D

 C4B8C5

 10B800

 D5B8D7

 E5B8EA

 F6B8FC

 FFB8FF

Harmonies

Analogous

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



A5AE4D



70B869



02BD94

Triad

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



70B869



00B1FF



FE828C

Complementary

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



70B869



B169B8

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.



F482BA



70B869



8FA2FE

Square

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



70B869



00BBEC



CF90E4



F08E63

Rectangle

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



70B869



00BFB4



CF90E4



FD809B

Sweetspot

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



70B869



D3F0D1



B8B069



667865



F7F7F7



787878

Same Dimension

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



70B869



7EF073



69B889



535C53



0E9C00



021C00

Inverse Universe

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



B169B8



E573F0



B86998



5B535C



8E009C



1A001C

Previews

White Background



This preview shows how the Hex color 70B869 looks on a white background.

Color Contrast Check

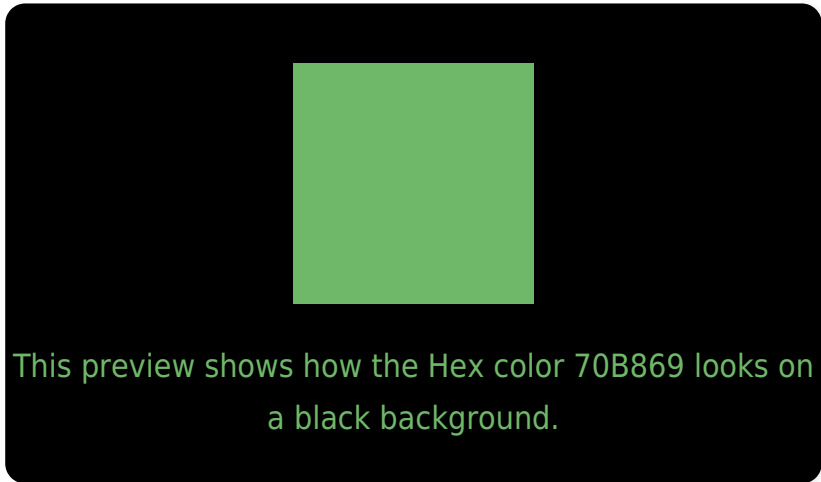
Large Text (above 18pt) WCAG AA × Fail

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

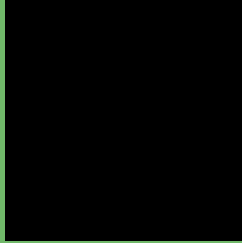
Any Text WCAG AA ✓ Pass

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 70B869 Background



This preview shows how black text looks on a background with the Hex color 70B869.



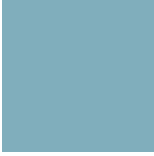
This preview shows how white text looks on a background with the Hex color 70B869.

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](#).

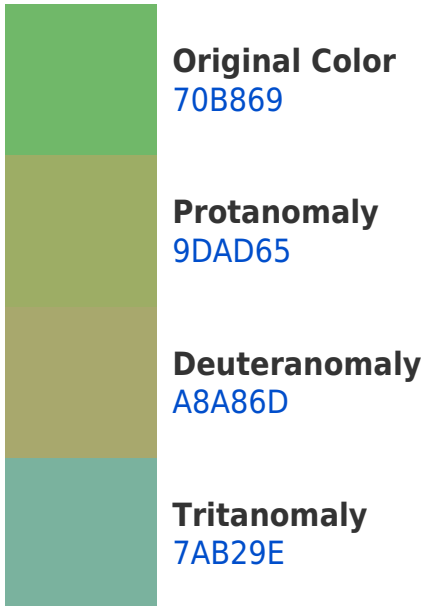
Dichromacy





Tritanopia
80AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B869 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 #70B869 looks like.

```
.text, #text, p{  
    color:#70B869  
}
```

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 #70B869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B869
}
```

Border

The CSS property to change the border of an element to Hex 70B869 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
#70B869 }
```

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

```
.border{ border-color:#70B869 }
```

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

Here you see how a box with a 4 pixel #70B869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B869; -webkit-box-shadow:4px 4px  
4px 4px #70B869; box-shadow:4px 4px 4px  
4px #70B869 }
```

Background

The CSS property to change the background color of an element to Hex 70B869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B869 }
```

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

```
.background{ background-color:#70B869 }
```

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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