

Converting Colors

Hex(70AC57)

Have a look what the booklet for
Hex(70AC57) contains.

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Color

Hex(70AC57)

Conversions

Conversions Part 1

Format	Color
Hex	70AC57
RGB	112, 172, 87
RGB Percent	44%, 67%, 34%
CMY	0.5608, 0.3255, 0.6588
CMYK	0.35, 0.00, 0.49, 0.33
HSL	102°, 34%, 51%
HSV	102°, 49%, 67%
XYZ	23.1549, 33.6379, 14.2892
YIQ	144.3700, -8.4750, -39.1550

Conversions

Conversions Part 2

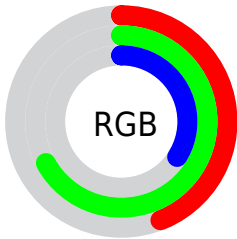
Format	Color
RYB	87, 172, 147
Decimal	7384151
CIELab	64.67, -35.46, 37.46
CIELCh	65, 51.578, 133.429
Yxy	33.6379, 0.3257, 0.4732
Android (android.graphics.Color)	4285574231 (0xFF70AC57)
YUV	144.3700, -28.2834, -28.3885
Hunter-Lab	57.9982, -30.2334, 25.9913

Details

The Hex color **70AC57** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9357AC**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A6E48B**, and **3B7726** is the 20% darker color. If you saturate the color by 10%, you get **64AC46**, and if you desaturate by 10%, it is **7CAC68**.

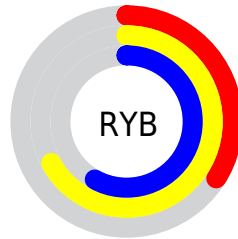
Distribution



Red (44%)

Green (67%)

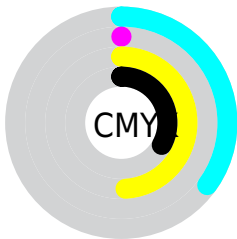
Blue (34%)



Red (34%)

Yellow (67%)

Blue (58%)

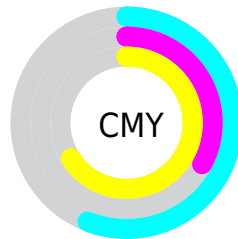


Cyan (35%)

Magenta (0%)

Yellow (49%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70AC57 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 70AC57 by changing the saturation by 10% instead.



70AC57



70AC57

FFFFFF



56913E



A6E48B



3B7726



C2FFA5



205E0B



DFFFC1



004600



FCFFDD



002F00



FFFFFFA



001900



000000



70AC57



70AC57



64AC46



7CAC68

 58AC35

 88AC79

 4CAC23

 94AC8B

 3FAC12

 A1AC9C

 33AC01

 ADACAD

 33AC00

 B9ACBE

 C5ACCF

 D1ACE1

 DDACF2

Harmonies

Analogous

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



A3A13E



70AC57



13B281

Triad

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



70AC57



00A9F5



F3758A

Complementary

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



70AC57



9357AC

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.



E579B8



70AC57



729BF7

Square

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



70AC57



00B1DB



BB88E0



E98060

Rectangle

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



70AC57



00B4A1



BB88E0



F17599

Sweetspot

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



70AC57



C9E0BF



AC9357



62705C



F0F0F0



707070

Same Dimension

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



70AC57



83E05C



57AC68



51574E



2C9600



071700

Inverse Universe

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



9357AC



B95CE0



AC579B



544E57



6A0096



100017

Previews

White Background



This preview shows how the Hex color 70AC57 looks on a white background.

Color Contrast Check

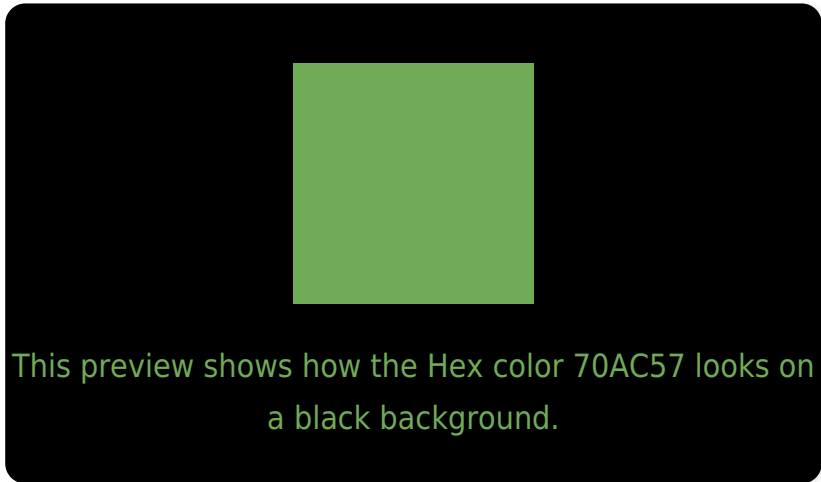
Large Text (above 18pt) WCAG AA × Fail

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

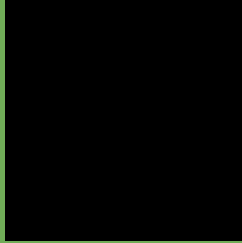
Any Text WCAG AA ✓ Pass

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 70AC57 Background



This preview shows how black text looks on a background with the Hex color 70AC57.

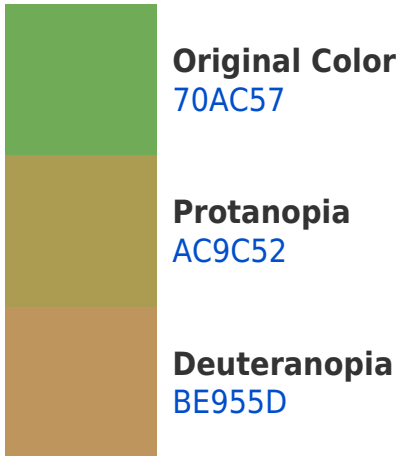


This preview shows how white text looks on a background with the Hex color 70AC57.

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](#).

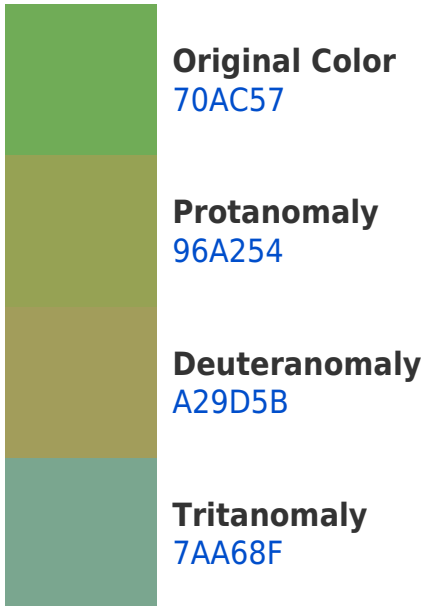
Dichromacy



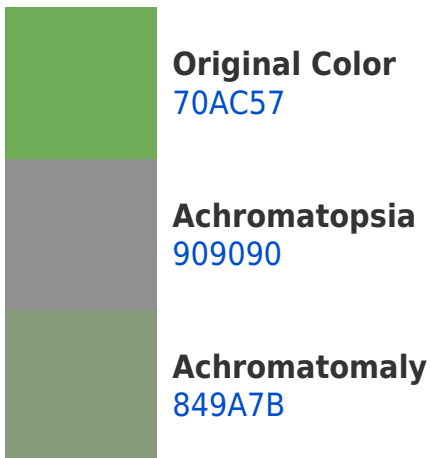


Tritanopia
7FA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70AC57 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 #70AC57 looks like.

```
.text, #text, p{  
    color:#70AC57  
}
```

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 #70AC57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AC57
}
```

Border

The CSS property to change the border of an element to Hex 70AC57 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
#70AC57 }
```

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

```
.border{ border-color:#70AC57 }
```

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

Here you see how a box with a 4 pixel #70AC57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AC57; -webkit-box-shadow:4px 4px  
4px 4px #70AC57; box-shadow:4px 4px 4px  
4px #70AC57 }
```

Background

The CSS property to change the background color of an element to Hex 70AC57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AC57 }
```

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

```
.background{ background-color:#70AC57 }
```

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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