

Converting Colors

Hex(70AD48)

Have a look what the booklet for
Hex(70AD48) contains.

Hex(70AD48)	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(70AD48)

Conversions

Conversions Part 1

Format	Color
Hex	70AD48
RGB	112, 173, 72
RGB Percent	44%, 68%, 28%
CMY	0.5608, 0.3216, 0.7176
CMYK	0.35, 0.00, 0.58, 0.32
HSL	96°, 41%, 48%
HSV	96°, 58%, 68%
XYZ	22.7954, 33.7998, 11.4535
YIQ	143.2470, -3.9350, -44.3430

Conversions

Conversions Part 2

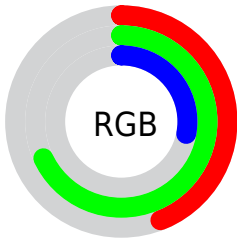
Format	Color
RYB	72, 173, 133
Decimal	7384392
CIELab	64.80, -37.64, 44.91
CIElCh	65, 58.593, 129.970
Yxy	33.7998, 0.3350, 0.4967
Android (android.graphics.Color)	4285574472 (0xFF70AD48)
YUV	143.2470, -35.1248, -27.4036
Hunter-Lab	58.1376, -31.7521, 29.0158

Details

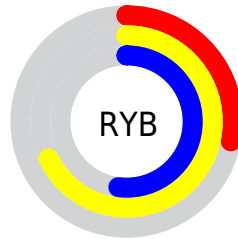
The Hex color **70AD48** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8548AD**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **A7E57C**, and **3A7813** is the 20% darker color. If you saturate the color by 10%, you get **66AD37**, and if you desaturate by 10%, it is **7AAD59**.

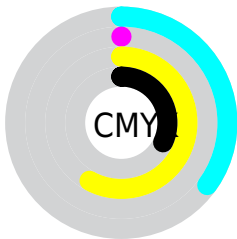
Distribution



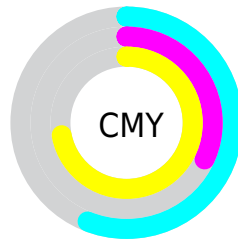
- Red (44%)
- Green (68%)
- Blue (28%)



- Red (28%)
- Yellow (68%)
- Blue (52%)



- Cyan (35%)
- Magenta (0%)
- Yellow (58%)
- Black (32%)



- Cyan (56%)
- Magenta (32%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70AD48 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 70AD48 by changing the saturation by 10% instead.

 70AD48

 70AD48

FFFFFF

 55922E

 A7E57C

 3A7813

 C3FF97

 1D5F00

 E0FFB2

 004700

 FDFICE

 002F00

 FFFFEB

 001900

 000000

 70AD48

 70AD48

 66AD37

 7AAD59

 5BAD25

 85AD6B

 51AD14

 8FAD7C

 46AD03

 9AAD8D

 45AD00

 A4AD9F

 AFADB0

 B9ADC1

 C4ADD2

 CEADE4

Harmonies

Analogous

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



A9A02C



70AD48



00B477

Triad

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



70AD48



00ACFF



FD6D8E

Complementary

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



70AD48



8548AD

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.



EA74C2



70AD48



579DFF

Square

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



70AD48



00B5DF



B788EE



F4795C

Rectangle

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



70AD48



00B69B



B788EE



FA6D9F

Sweetspot

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



70AD48



C8E0B8



AD8548



617058



F0F0F0



707070

Same Dimension

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



70AD48



82E043



48AD52



51574E



3C9600



091700

Inverse Universe

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



8548AD



A243E0



AD48A3



534E57



5B0096



0E0017

Previews

White Background



This preview shows how the Hex color 70AD48 looks on a white background.

Color Contrast Check

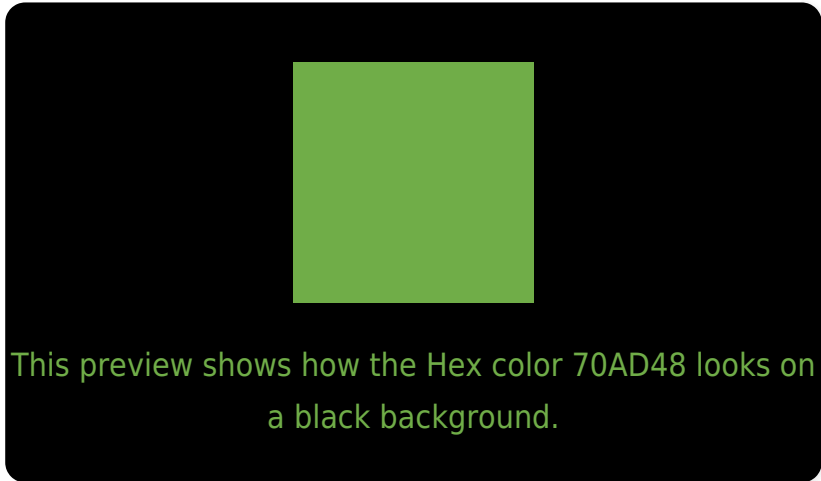
Large Text (above 18pt) WCAG AA × Fail

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

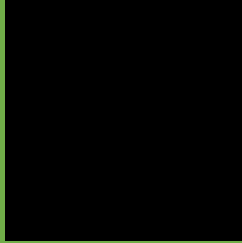
Any Text WCAG AA ✓ Pass

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 70AD48 Background



This preview shows how black text looks on a background with the Hex color 70AD48.

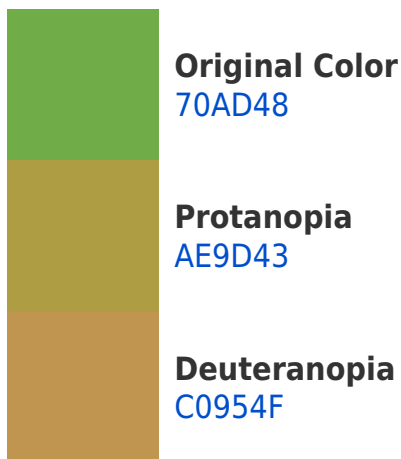


This preview shows how white text looks on a background with the Hex color 70AD48.

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](#).

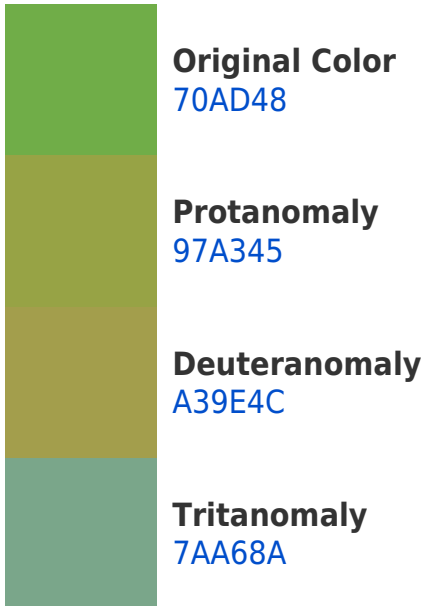
Dichromacy



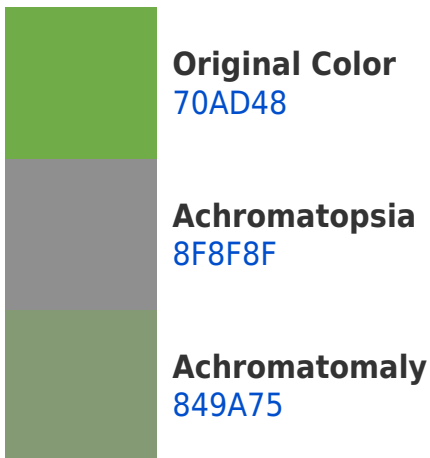


Tritanopia
80A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70AD48 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 #70AD48 looks like.

```
.text, #text, p{  
    color:#70AD48  
}
```

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 #70AD48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AD48
}
```

Border

The CSS property to change the border of an element to Hex 70AD48 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
#70AD48 }
```

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

```
.border{ border-color:#70AD48 }
```

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

Here you see how a box with a 4 pixel #70AD48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AD48; -webkit-box-shadow:4px 4px  
4px 4px #70AD48; box-shadow:4px 4px 4px  
4px #70AD48 }
```

Background

The CSS property to change the background color of an element to Hex 70AD48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AD48 }
```

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

```
.background{ background-color:#70AD48 }
```

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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