

Converting Colors

Hex(70AF61)

Have a look what the booklet for
Hex(70AF61) contains.

Hex(70AF61)	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(70AF61)

Conversions

Conversions Part 1

Format	Color
Hex	70AF61
RGB	112, 175, 97
RGB Percent	44%, 69%, 38%
CMY	0.5608, 0.3137, 0.6196
CMYK	0.36, 0.00, 0.45, 0.31
HSL	108°, 33%, 53%
HSV	108°, 45%, 69%
XYZ	24.1697, 34.9678, 16.7848
YIQ	147.2710, -12.5100, -37.6140

Conversions

Conversions Part 2

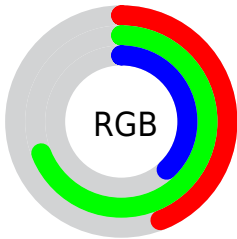
Format	Color
RYB	97, 175, 160
Decimal	7384929
CIELab	65.72, -35.48, 33.66
CIELCh	66, 48.912, 136.507
Yxy	34.9678, 0.3183, 0.4606
Android (android.graphics.Color)	4285575009 (0xFF70AF61)
YUV	147.2710, -24.7836, -30.9327
Hunter-Lab	59.1335, -30.5251, 24.5642

Details

The Hex color **70AF61** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **A061AF**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A6E795**, and **3B7A30** is the 20% darker color. If you saturate the color by 10%, you get **62AF50**, and if you desaturate by 10%, it is **7EAF73**.

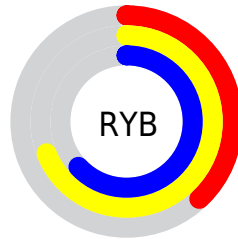
Distribution



Red (44%)

Green (69%)

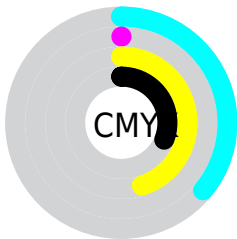
Blue (38%)



Red (38%)

Yellow (69%)

Blue (63%)

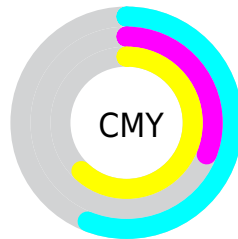


Cyan (36%)

Magenta (0%)

Yellow (45%)

Black (31%)



Cyan (56%)

Magenta (31%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70AF61 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 70AF61 by changing the saturation by 10% instead.



70AF61



70AF61

FFFFFF



569448



A6E795



3B7A30



C2FFB0



206118



DFFFCC



004800



FCFFE8



003100



001C00



000000



70AF61



70AF61



62AF50



7EAF73

 54AF3E

 8CAF84

 46AF2D

 9AAF96

 37AF1B

 A9AFA7

 29AF09

 B7AFB9

 22AF00

 C5AFCA

 D3AFDB

 E1AFED

 EFAFFE

Harmonies

Analogous

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



A2A548



70AF61



1DB58A

Triad

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



70AF61



00AAF4



F27B89

Complementary

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



70AF61



A061AF

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.



E77DB5



70AF61



829CF4

Square

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



70AF61



00B3DE



C28BDC



E78662

Rectangle

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



70AF61



00B6A8



C28BDC



F17A98

Sweetspot

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



70AF61



CBE3C5



AF9F61



647360



F2F2F2



737373

Same Dimension

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



70AF61



82E36B



61AF78



50574E



1D9600



041700

Inverse Universe

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



A061AF



CC6BE3



AF6198



554E57



7A0096



130017

Previews

White Background



This preview shows how the Hex color 70AF61 looks on a white background.

Color Contrast Check

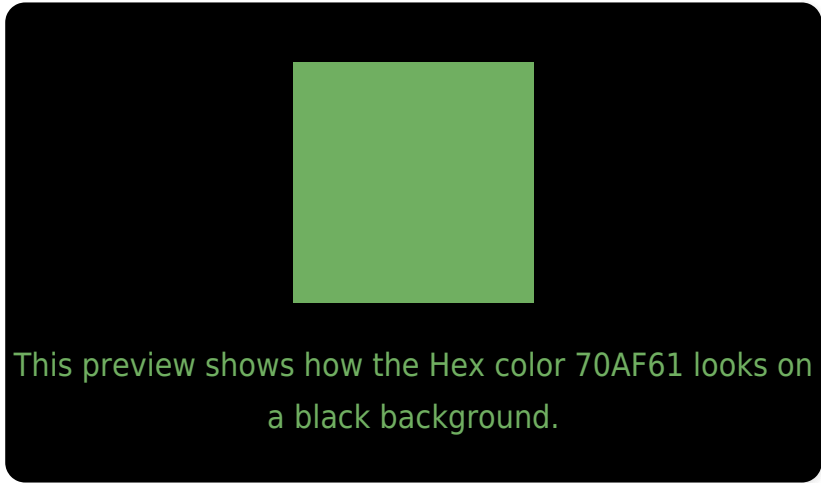
Large Text (above 18pt) WCAG AA × Fail

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 70AF61 Background



This preview shows how black text looks on a background with the Hex color 70AF61.

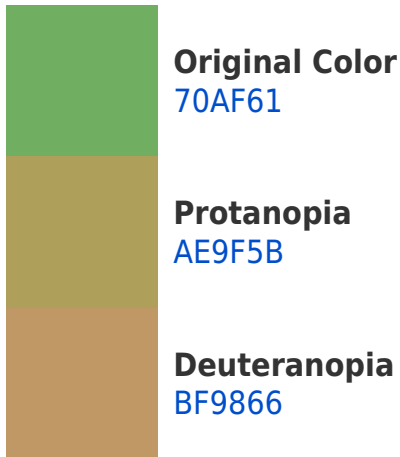


This preview shows how white text looks on a background with the Hex color 70AF61.

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](#).

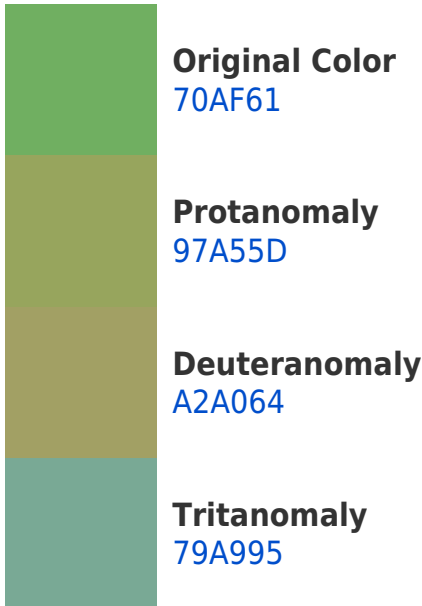
Dichromacy



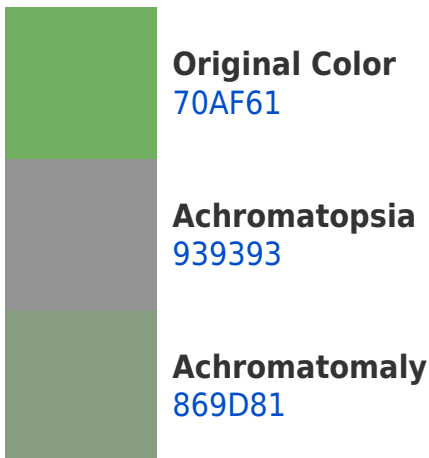


Tritanopia
7EA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70AF61 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 #70AF61 looks like.

```
.text, #text, p{  
    color:#70AF61  
}
```

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 #70AF61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AF61
}
```

Border

The CSS property to change the border of an element to Hex 70AF61 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
#70AF61 }
```

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

```
.border{ border-color:#70AF61 }
```

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

Here you see how a box with a 4 pixel #70AF61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AF61; -webkit-box-shadow:4px 4px  
4px 4px #70AF61; box-shadow:4px 4px 4px  
4px #70AF61 }
```

Background

The CSS property to change the background color of an element to Hex 70AF61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AF61 }
```

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

```
.background{ background-color:#70AF61 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor