

# Converting Colors

Hex(70AA74)

Have a look what the booklet for  
Hex(70AA74) contains.

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# **Color**

**Hex(70AA74)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70AA74
RGB	112, 170, 116
RGB Percent	44%, 67%, 45%
CMY	0.5608, 0.3333, 0.5451
CMYK	0.34, 0.00, 0.32, 0.33
HSL	124°, 25%, 55%
HSV	124°, 34%, 67%
XYZ	24.2092, 33.4551, 21.7045
YIQ	146.5020, -17.2340, -29.0900

# Conversions

## Conversions Part 2

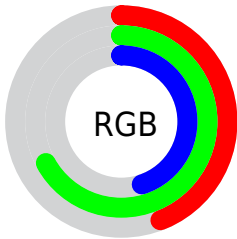
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 166, 170</a>
Decimal	<a href="#">7383668</a>
CIELab	<a href="#">64.53, -30.16, 22.01</a>
CIElCh	<a href="#">65, 37.335, 143.877</a>
Yxy	<a href="#">33.4551, 0.3050, 0.4215</a>
Android (android.graphics.Color)	<a href="#">4285573748 (0xFF70AA74)</a>
YUV	<a href="#">146.5020, -15.0375, -30.2583</a>
Hunter-Lab	<a href="#">57.8404, -26.5093, 18.2398</a>

# Details

The Hex color **70AA74** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA70A6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A6E2A8**, and **3D7543** is the 20% darker color. If you saturate the color by 10%, you get **5FAA64**, and if you desaturate by 10%, it is **81AA84**.

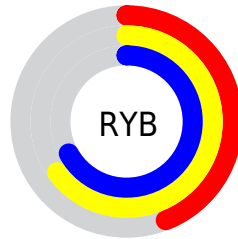
# Distribution



Red (44%)

Green (67%)

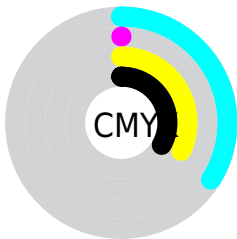
Blue (45%)



Red (44%)

Yellow (65%)

Blue (67%)

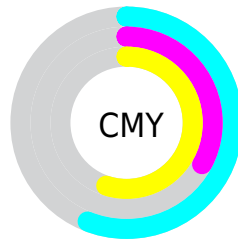


Cyan (34%)

Magenta (0%)

Yellow (32%)

Black (33%)



Cyan (56%)

Magenta (33%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70AA74 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 70AA74 by changing the saturation by 10% instead.





70AA74



70AA74

FFFFFF



568F5B



A6E2A8



3D7543



C1FEC4



235C2C



DEFFE0



054417



FBFFFC



002D00



001800



000000



70AA74



70AA74



5FAA64



81AA84

 4EAA54

 92AA94

 3DAA45

 A3AAA3

 2CAA35

 B4AAB3

 1BAA25

 C5AAC3

 0AAA15

 D6AAD3

 00AA0C

 E7AAE3

 F8AAF3

 FFAAFF

# Harmonies

## Analogous

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



97A35E



70AA74



41AE94

# Triad

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



70AA74



5EA2DE



DD8483

# Complementary

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



70AA74



AA70A6

# 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.



D883A5



70AA74



9696D9

# Square

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



70AA74



0FAAD1



C08AC4



D18D68

# Rectangle

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



70AA74



14AEAB



C08AC4



DD828E



# Sweetspot

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



70AA74



C8DEC9



A6AA70



637064



F0F0F0



707070



# Same Dimension

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



70AA74



83DE89



70AA91



4C544C



00940A



001401



# Inverse Universe

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



AA70A6



DE83D8



AA7089



544C54



94008A



140013



# Previews

## White Background



This preview shows how the Hex color 70AA74 looks on a white background.

## Color Contrast Check

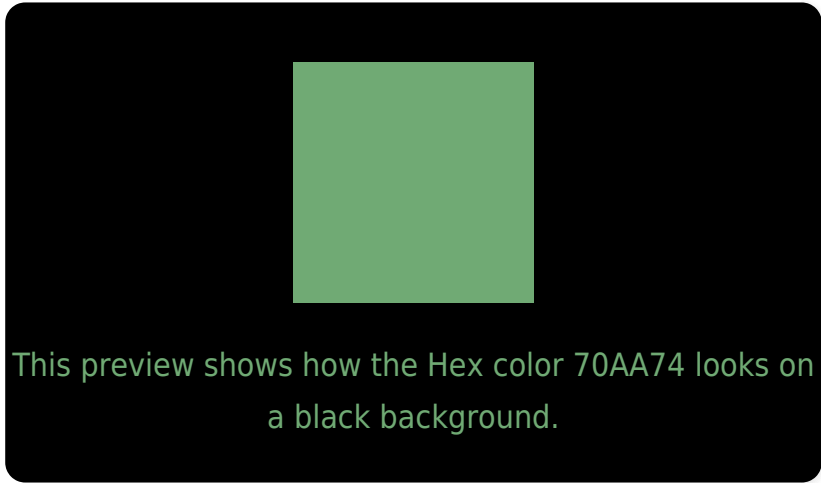
Large Text (above 18pt) WCAG AA × Fail

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 70AA74 Background



This preview shows how black text looks on a background with the Hex color 70AA74.

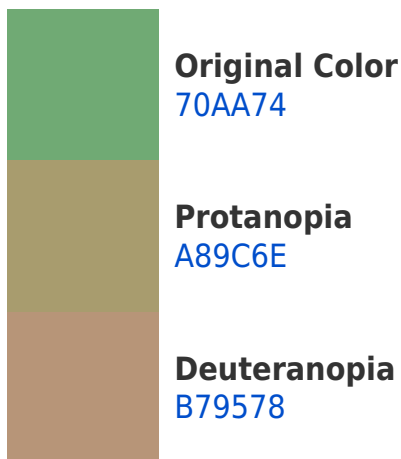


This preview shows how white text looks on a background with the Hex color 70AA74.

# 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](#).

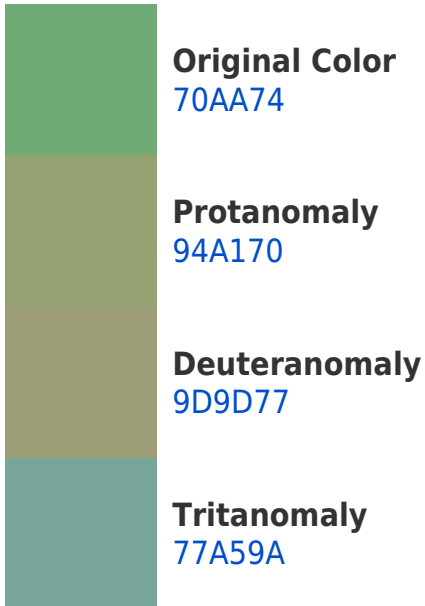
## Dichromacy





**Tritanopia**  
7BA2B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70AA74 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 #70AA74 looks like.

```
.text, #text, p{  
    color:#70AA74  
}
```

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 #70AA74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70AA74
}
```

## Border

The CSS property to change the border of an element to Hex 70AA74 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
#70AA74 }
```

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

```
.border{ border-color:#70AA74 }
```

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

Here you see how a box with a 4 pixel #70AA74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70AA74; -webkit-box-shadow:4px 4px  
4px 4px #70AA74; box-shadow:4px 4px 4px  
4px #70AA74 }
```

# Background

The CSS property to change the background color of an element to Hex 70AA74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70AA74 }
```

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

```
.background{ background-color:#70AA74 }
```

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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