

# Converting Colors

Hex(74B06F)

Have a look what the booklet for  
Hex(74B06F) contains.

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# **Color**

**Hex(74B06F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74B06F
RGB	116, 176, 111
RGB Percent	45%, 69%, 44%
CMY	0.5451, 0.3098, 0.5647
CMYK	0.34, 0.00, 0.37, 0.31
HSL	115°, 29%, 56%
HSV	115°, 37%, 69%
XYZ	25.5970, 35.9114, 20.6214
YIQ	150.6500, -14.8950, -32.9350

# Conversions

## Conversions Part 2

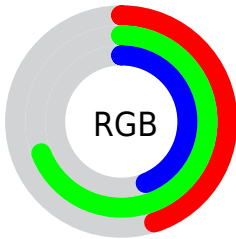
Format	Color
<a href="#">RYB</a>	<a href="#">111, 176, 171</a>
Decimal	<a href="#">7647343</a>
CIELab	<a href="#">66.45, -32.51, 27.30</a>
CIElCh	<a href="#">66, 42.453, 139.972</a>
Yxy	<a href="#">35.9114, 0.3117, 0.4373</a>
Android (android.graphics.Color)	<a href="#">4285837423 (0xFF74B06F)</a>
YUV	<a href="#">150.6500, -19.5474, -30.3880</a>
Hunter-Lab	<a href="#">59.9261, -28.6256, 21.5457</a>

# Details

The Hex color **74B06F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AB6FB0**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **AAE8A3**, and **407B3E** is the 20% darker color. If you saturate the color by 10%, you get **64B05D**, and if you desaturate by 10%, it is **84B081**.

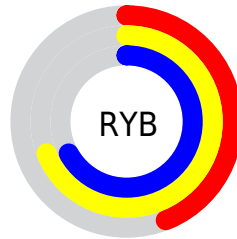
# Distribution



Red (45%)

Green (69%)

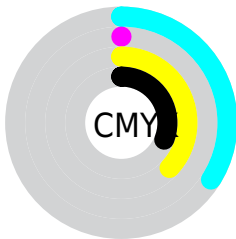
Blue (44%)



Red (44%)

Yellow (69%)

Blue (67%)

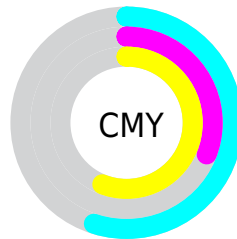


Cyan (34%)

Magenta (0%)

Yellow (37%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74B06F 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 74B06F by changing the saturation by 10% instead.





74B06F



74B06F

FFFFFF



5A9556



AAE8A3



407B3E



C6FFBF



266227



E3FFDB



074910



FFFFFF7



003200



001F00



000000



74B06F



74B06F



64B05D



84B081

 54B04C

 94B092

 43B03A

 A5B0A4

 33B029

 B5B0B5

 23B017

 C5B0C7

 13B005

 D5B0D9

 0EB000

 E6B0EA

 F6B0FC

 FFB0FF

# Harmonies

## Analogous

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



A0A758



74B06F



3AB593

# Triad

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



74B06F



48A9EC



EB848A

# Complementary

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



74B06F



AB6FB0

# 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.



E384B0



74B06F



929DE9

# Square

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



74B06F



00B2DB



C58ED3



DF8D69

# Rectangle

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



74B06F



00B6AE



C58ED3



EA8396



# Sweetspot

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



74B06F



CEE6CC



B0AB6F



657364



F2F2F2



737373



# Same Dimension

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



74B06F



88E681



6FB08A



515950



0C9900



021A00



# Inverse Universe

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



AB6FB0



DE81E6



B06F95



595059



8D0099



18001A



# Previews

## White Background



This preview shows how the Hex color 74B06F looks on a white background.

## Color Contrast Check

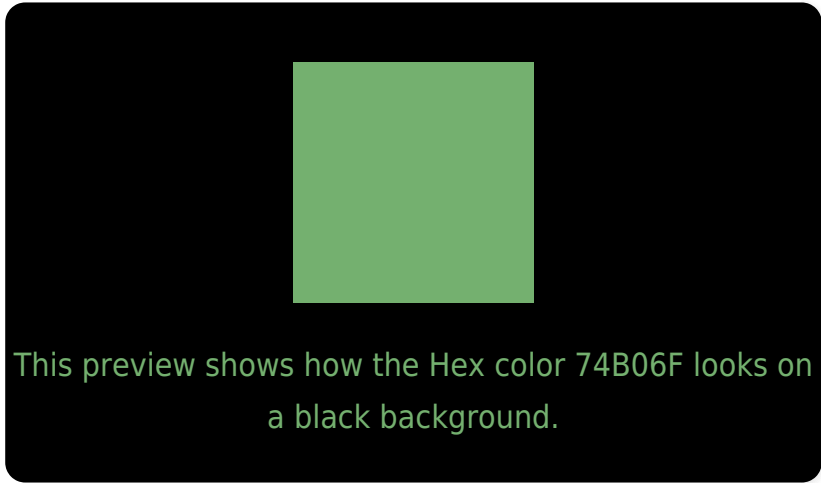
Large Text (above 18pt) WCAG AA × Fail

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 74B06F Background



This preview shows how black text looks on a background with the Hex color 74B06F.

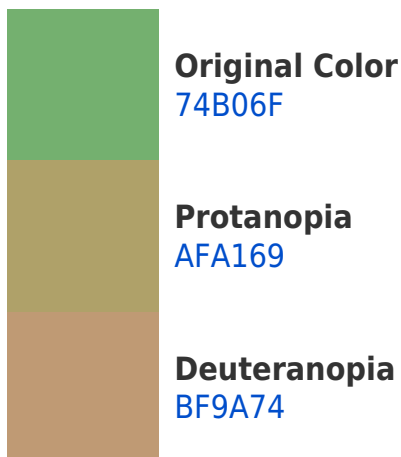


This preview shows how white text looks on a background with the Hex color 74B06F.

# 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](#).

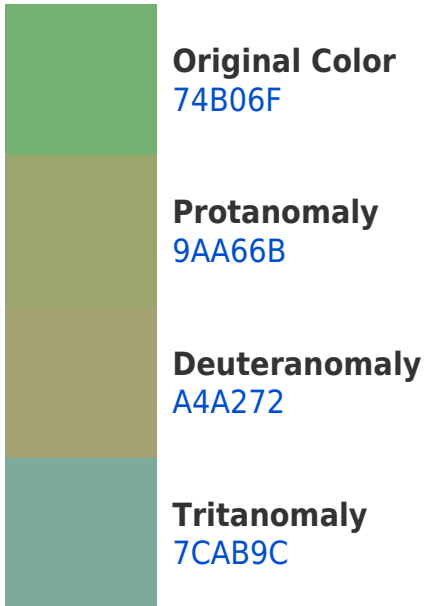
## Dichromacy



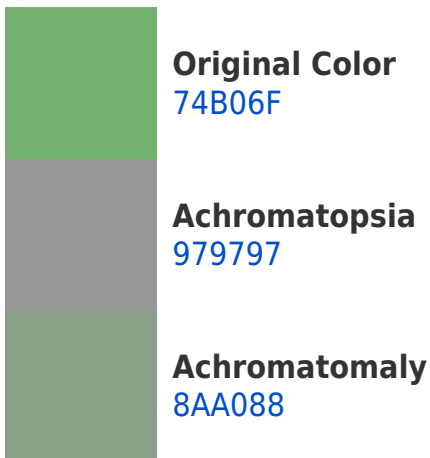


**Tritanopia**  
81A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74B06F 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 #74B06F looks like.

```
.text, #text, p{  
    color:#74B06F  
}
```

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 #74B06F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B06F
}
```

## Border

The CSS property to change the border of an element to Hex 74B06F 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
#74B06F }
```

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

```
.border{ border-color:#74B06F }
```

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

Here you see how a box with a 4 pixel #74B06F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B06F; -webkit-box-shadow:4px 4px  
4px 4px #74B06F; box-shadow:4px 4px 4px  
4px #74B06F }
```

# Background

The CSS property to change the background color of an element to Hex 74B06F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B06F }
```

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

```
.background{ background-color:#74B06F }
```

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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