

# Converting Colors

Hex(74AF68)

Have a look what the booklet for  
Hex(74AF68) contains.

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**Color**

**Hex(74AF68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74AF68
RGB	116, 175, 104
RGB Percent	45%, 69%, 41%
CMY	0.5451, 0.3137, 0.5922
CMYK	0.34, 0.00, 0.41, 0.31
HSL	110°, 31%, 55%
HSV	110°, 41%, 69%
XYZ	25.0311, 35.3724, 18.6050
YIQ	149.2650, -12.3730, -34.5890

# Conversions

## Conversions Part 2

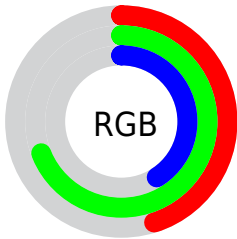
Format	Color
<a href="#">RYB</a>	<a href="#">104, 175, 163</a>
Decimal	<a href="#">7647080</a>
CIELab	<a href="#">66.04, -33.12, 30.46</a>
CIELCh	<a href="#">66, 44.997, 137.392</a>
Yxy	<a href="#">35.3724, 0.3168, 0.4477</a>
Android (android.graphics.Color)	<a href="#">4285837160 (0xFF74AF68)</a>
YUV	<a href="#">149.2650, -22.3156, -29.1734</a>
Hunter-Lab	<a href="#">59.4747, -28.9555, 23.0851</a>

# Details

The Hex color **74AF68** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A368AF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AAE79C**, and **407A37** is the 20% darker color. If you saturate the color by 10%, you get **65AF56**, and if you desaturate by 10%, it is **83AF79**.

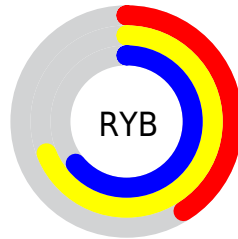
# Distribution



Red (45%)

Green (69%)

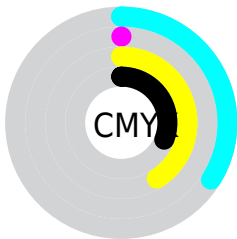
Blue (41%)



Red (41%)

Yellow (69%)

Blue (64%)

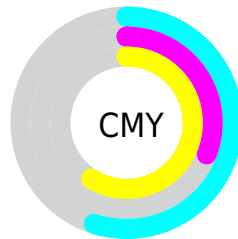


Cyan (34%)

Magenta (0%)

Yellow (41%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74AF68 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 74AF68 by changing the saturation by 10% instead.





74AF68



74AF68

FFFFFF



5A944F



AAE79C



407A37



C6FFB7



266120



E3FFD3



064908



FFFFF0



003100



001D00



000000



74AF68



74AF68



65AF56



83AF79

■ 57AF45

■ 91AF8B

■ 48AF33

■ A0AF9C

■ 3AAF22

■ AEAFAE

■ 2BAF10

■ BDAFC0

■ 1EAF00

■ CBAFD1

■ DAAFE3

■ E8AFF4

■ F7AFFF

# Harmonies

## Analogous

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



A2A651



74AF68



33B48E

# Triad

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



74AF68



2CAAEF



ED808A

# Complementary

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



74AF68



A368AF

# 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.



E381B3



74AF68



899CED

# Square

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



74AF68



00B2DB



C28DD8



E38A67

# Rectangle

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



74AF68



00B5AA



C28DD8



ED7F98



# Sweetspot

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



74AF68



CCE3C8



AFA268



657363



F2F2F2



737373



# Same Dimension

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



74AF68



87E374



68AF7E



4F574E



199600



041700



# Inverse Universe

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



A368AF



D074E3



AF6899



554E57



7D0096



130017



# Previews

## White Background



This preview shows how the Hex color 74AF68 looks on a white background.

## Color Contrast Check

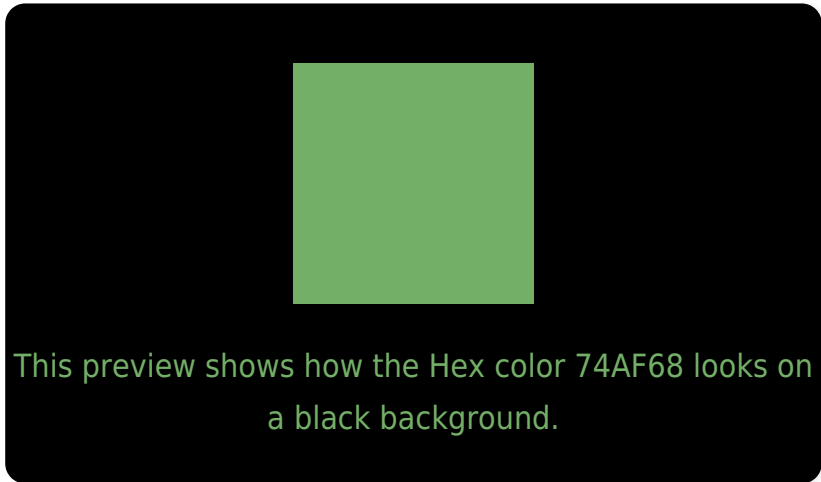
Large Text (above 18pt) WCAG AA × Fail

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

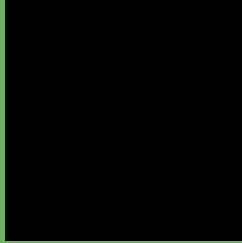
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74AF68 Background



This preview shows how black text looks on a background with the Hex color 74AF68.

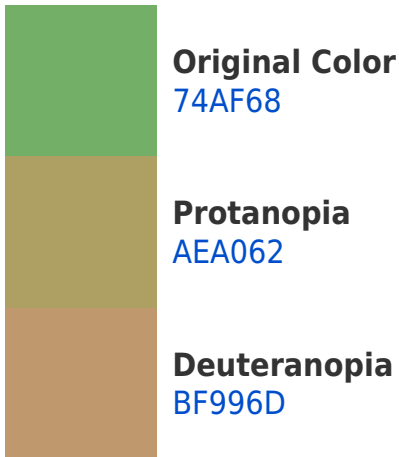


This preview shows how white text looks on a background with the Hex color 74AF68.

# 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](#).

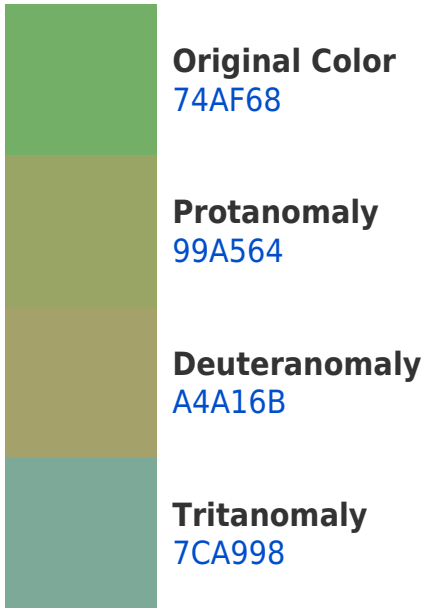
## Dichromacy



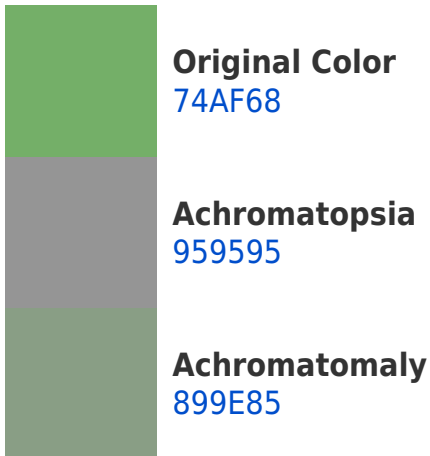


**Tritanopia**  
81A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74AF68 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 #74AF68 looks like.

```
.text, #text, p{  
    color:#74AF68  
}
```

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 #74AF68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74AF68
}
```

## Border

The CSS property to change the border of an element to Hex 74AF68 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
#74AF68 }
```

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

```
.border{ border-color:#74AF68 }
```

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

Here you see how a box with a 4 pixel #74AF68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74AF68; -webkit-box-shadow:4px 4px  
4px 4px #74AF68; box-shadow:4px 4px 4px  
4px #74AF68 }
```

# Background

The CSS property to change the background color of an element to Hex 74AF68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74AF68 }
```

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

```
.background{ background-color:#74AF68 }
```

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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