

# Converting Colors

Hex(74A658)

Have a look what the booklet for  
Hex(74A658) contains.

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# **Color**

**Hex(74A658)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 74A658                      |
| RGB         | 116, 166, 88                |
| RGB Percent | 45%, 65%, 35%               |
| CMY         | 0.5451, 0.3490, 0.6549      |
| CMYK        | 0.30, 0.00, 0.47, 0.35      |
| HSL         | 98°, 31%, 50%               |
| HSV         | 98°, 47%, 65%               |
| XYZ         | 22.6001, 31.6900, 14.1582   |
| YIQ         | 142.1580, -4.7620, -34.8580 |

# Conversions

## Conversions Part 2

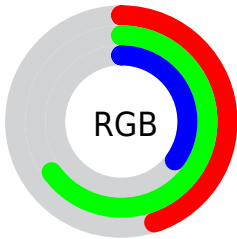
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| <a href="#">RYB</a>                 | 88, 166, 138                    |
| Decimal                             | 7644760                         |
| CIELab                              | 63.09, -31.13, 35.03            |
| CIELCh                              | 63, 46.861, 131.622             |
| Yxy                                 | 31.6900, 0.3302,<br>0.4630      |
| Android<br>(android.graphics.Color) | 4285834840<br>(0xFF74A658)      |
| YUV                                 | 142.1580, -26.6999,<br>-22.9406 |
| Hunter-Lab                          | 56.2939, -26.8525,<br>24.4940   |

# Details

The Hex color **74A658** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8A58A6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **AADD8B**, and **407227** is the 20% darker color. If you saturate the color by 10%, you get **69A647**, and if you desaturate by 10%, it is **7FA669**.

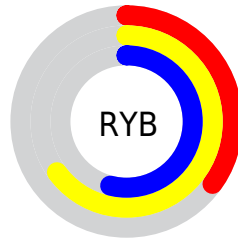
# Distribution



Red (45%)

Green (65%)

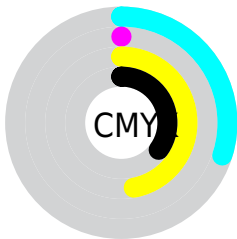
Blue (35%)



Red (35%)

Yellow (65%)

Blue (54%)

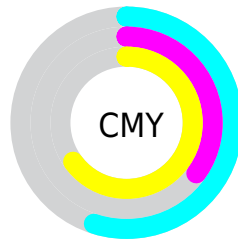


Cyan (30%)

Magenta (0%)

Yellow (47%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74A658 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 74A658 by changing the saturation by 10% instead.





74A658



74A658

FFFFFF



5A8B3F



AADD8B



407227



C6FAA6



27590F



E2FFC2



0B4100



FFFFDE



002A00



FFFFFFB



001300



000000



74A658



74A658



69A647



7FA669

 5FA637

 89A679

 54A626

 94A68A

 49A616

 9FA69A

 3FA605

 A9A6AB

 3CA600

 B4A6BC

 BEA6CC

 C9A6DD

 D4A6ED

# Harmonies

## Analogous

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



A29C44



74A658



33AC7D

# Triad

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



74A658



00A4E7



E7768A

# Complementary

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



74A658



8A58A6

# 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.



D879B4



74A658



7098EA

# Square

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



74A658



00ACCF



B187D7



E07E63

# Rectangle

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



74A658



00AE9A



B187D7



E57598



# Sweetspot

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



74A658



C5D9BA



A68958



626E5B



EDEDED



6E6E6E



# Same Dimension

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



74A658



8BD95F



58A662



4F544C



359400



071400



# Inverse Universe

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



8A58A6



AD5FD9



A6589C



514C54



5F0094



0D0014



# Previews

## White Background



This preview shows how the Hex color 74A658 looks on a white background.

## Color Contrast Check

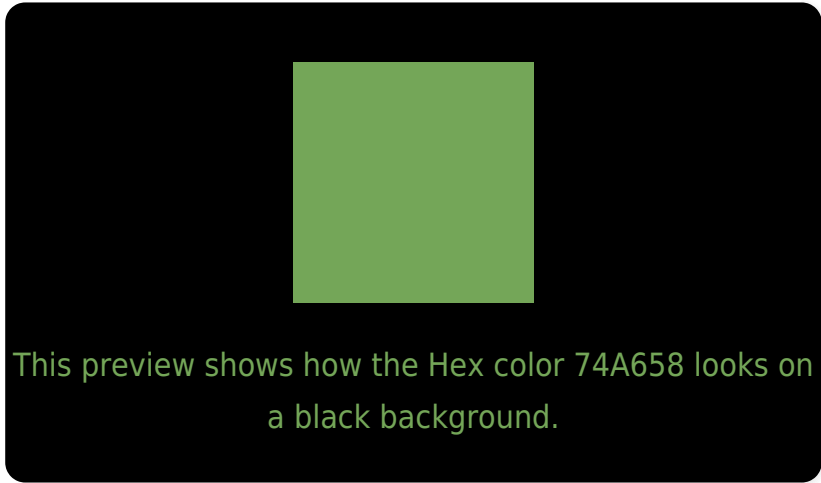
Large Text (above 18pt) WCAG AA × Fail

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

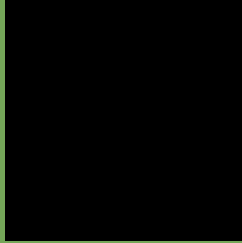
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74A658 Background



This preview shows how black text looks on a background with the Hex color 74A658.



This preview shows how white text looks on a background with the Hex color 74A658.

# 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



**Original Color**  
74A658

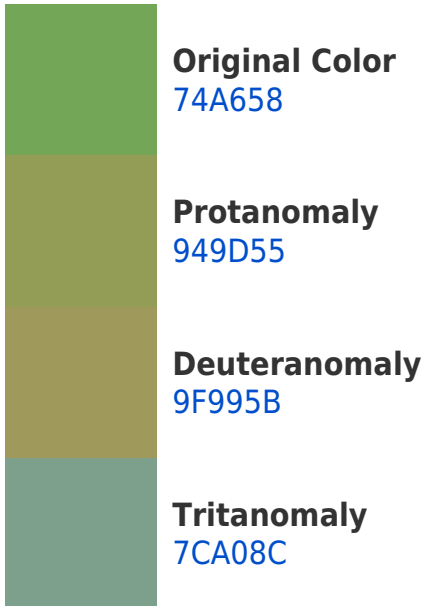
**Protanopia**  
A79853

**Deuteranopia**  
B8915D



**Tritanopia**  
819DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74A658 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 #74A658 looks like.

```
.text, #text, p{  
    color:#74A658  
}
```

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 #74A658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A658
}
```

## Border

The CSS property to change the border of an element to Hex 74A658 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
#74A658 }
```

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

```
.border{ border-color:#74A658 }
```

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

Here you see how a box with a 4 pixel #74A658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A658; -webkit-box-shadow:4px 4px  
4px 4px #74A658; box-shadow:4px 4px 4px  
4px #74A658 }
```

# Background

The CSS property to change the background color of an element to Hex 74A658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A658 }
```

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

```
.background{ background-color:#74A658 }
```

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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