

# Converting Colors

Hex(74AB58)

Have a look what the booklet for  
Hex(74AB58) contains.

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**Color**

**Hex(74AB58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74AB58
RGB	116, 171, 88
RGB Percent	45%, 67%, 35%
CMY	0.5451, 0.3294, 0.6549
CMYK	0.32, 0.00, 0.49, 0.33
HSL	100°, 33%, 51%
HSV	100°, 49%, 67%
XYZ	23.5268, 33.5434, 14.4671
YIQ	145.0930, -6.1370, -37.4730

# Conversions

## Conversions Part 2

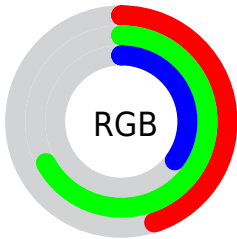
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 171, 143
Decimal	7646040
CIELab	64.60, -33.47, 36.91
CIELCh	65, 49.823, 132.203
Yxy	33.5434, 0.3289, 0.4689
Android (android.graphics.Color)	4285836120 (0xFF74AB58)
YUV	145.0930, -28.1468, -25.5146
Hunter-Lab	57.9167, -28.8442, 25.7316

# Details

The Hex color **74AB58** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8F58AB**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **AAE38C**, and **407627** is the 20% darker color. If you saturate the color by 10%, you get **69AB47**, and if you desaturate by 10%, it is **7FAB69**.

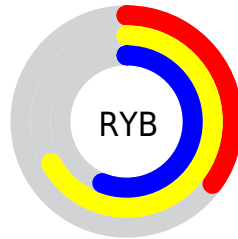
# Distribution



Red (45%)

Green (67%)

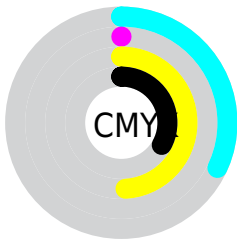
Blue (35%)



Red (35%)

Yellow (67%)

Blue (56%)

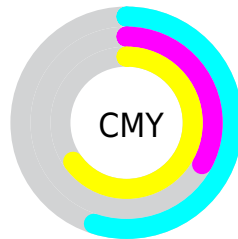


Cyan (32%)

Magenta (0%)

Yellow (49%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74AB58 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 74AB58 by changing the saturation by 10% instead.



 74AB58

 74AB58

FFFFFF

 5A903F

 AAE38C

 407627

 C6FFA6

 255D0D

 E3FFC2

 074500

 FFFFDE

 002E00

 FFFFFB

 001900

 000000

 74AB58

 74AB58

 69AB47

 7FAB69

 5DAB36

 8BAB7A

 52AB25

 96AB8B

 47AB14

 A1AB9C

 3BAB03

 ADABAD

 3AAB00

 B8ABBF

 C3ABD0

 CFABE1

 DAABF2

# Harmonies

## Analogous

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



A5A041



74AB58



28B180

# Triad

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



74AB58



00A9F1



F0778C

# Complementary

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



74AB58



8F58AB

# 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.



E17BB9



74AB58



719BF4

# Square

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



74AB58



00B1D7



B88ADF



E88063

# Rectangle

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



74AB58



00B39F



B88ADF



EE769B



# Sweetspot

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



74AB58



C8DEBD



AB8E58



63705C



F0F0F0



707070



# Same Dimension

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



74AB58



89DE5D



58AB64



51574E



339600



081700



# Inverse Universe

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



8F58AB



B25DDE



AB589F



544E57



640096



0F0017



# Previews

## White Background



This preview shows how the Hex color 74AB58 looks on a white background.

## Color Contrast Check

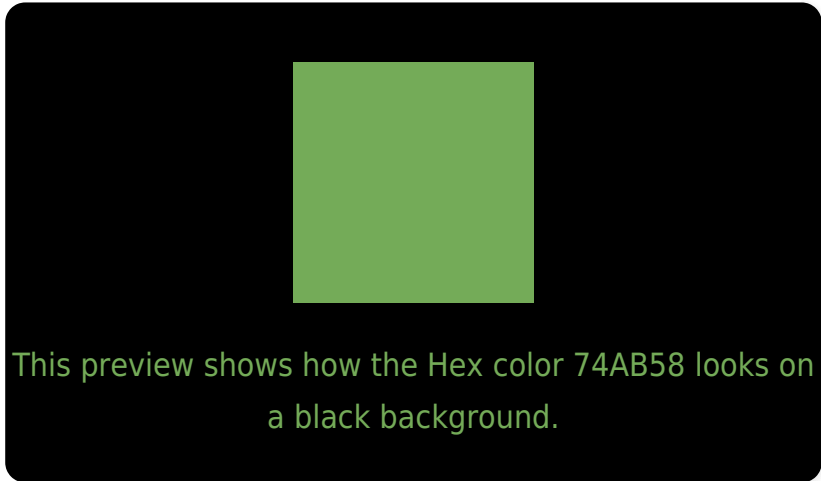
Large Text (above 18pt) WCAG AA × Fail

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 74AB58 Background



This preview shows how black text looks on a background with the Hex color 74AB58.

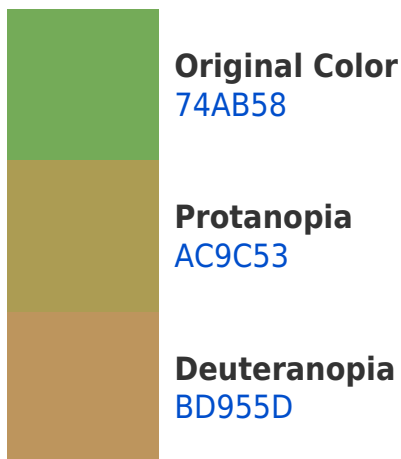


This preview shows how white text looks on a background with the Hex color 74AB58.

# 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](#).

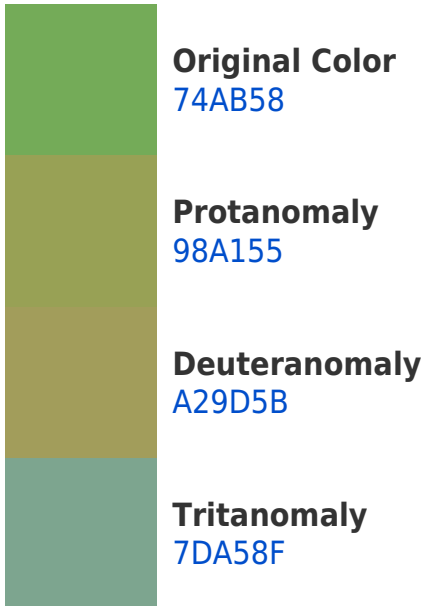
## Dichromacy



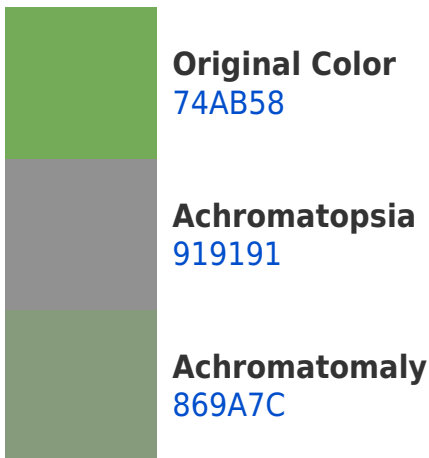


**Tritanopia**  
82A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74AB58 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 #74AB58 looks like.

```
.text, #text, p{  
    color:#74AB58  
}
```

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 #74AB58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74AB58
}
```

## Border

The CSS property to change the border of an element to Hex 74AB58 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
#74AB58 }
```

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

```
.border{ border-color:#74AB58 }
```

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

Here you see how a box with a 4 pixel #74AB58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74AB58; -webkit-box-shadow:4px 4px  
4px 4px #74AB58; box-shadow:4px 4px 4px  
4px #74AB58 }
```

# Background

The CSS property to change the background color of an element to Hex 74AB58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74AB58 }
```

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

```
.background{ background-color:#74AB58 }
```

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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