

# Converting Colors

Hex(74B159)

Have a look what the booklet for  
Hex(74B159) contains.

<b>Hex(74B159)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(74B159)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74B159
RGB	116, 177, 89
RGB Percent	45%, 69%, 35%
CMY	0.5451, 0.3059, 0.6510
CMYK	0.34, 0.00, 0.50, 0.31
HSL	102°, 36%, 52%
HSV	102°, 50%, 69%
XYZ	24.7278, 35.8786, 15.0732
YIQ	148.7290, -8.1080, -40.3000

# Conversions

## Conversions Part 2

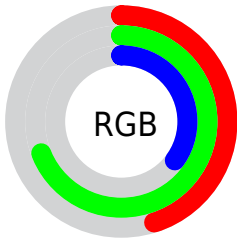
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 177, 150
Decimal	7647577
CIELab	66.43, -36.10, 38.65
CIElCh	66, 52.888, 133.040
Yxy	35.8786, 0.3267, 0.4741
Android (android.graphics.Color)	4285837657 (0xFF74B159)
YUV	148.7290, -29.4464, -28.7033
Hunter-Lab	59.8987, -31.1332, 27.0091

# Details

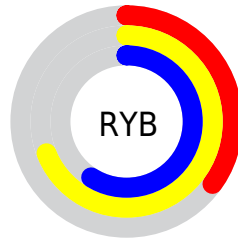
The Hex color **74B159** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9659B1**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **ABE98D**, and **3F7C28** is the 20% darker color. If you saturate the color by 10%, you get **68B147**, and if you desaturate by 10%, it is **80B16B**.

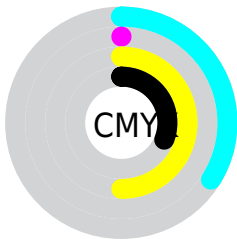
# Distribution



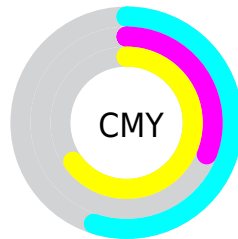
- Red (45%)
- Green (69%)
- Blue (35%)



- Red (35%)
- Yellow (69%)
- Blue (59%)



- Cyan (34%)
- Magenta (0%)
- Yellow (50%)
- Black (31%)



- Cyan (55%)
- Magenta (31%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74B159 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 74B159 by changing the saturation by 10% instead.





74B159



74B159

FFFFFF



599640



ABE98D



3F7C28



C7FFA8



24630D



E4FFC3



014A00



FFFFE0



003300



FFFFFFD



001F00



000000



74B159



74B159



68B147



80B16B

■ 5BB136

■ 8DB17C

■ 4FB124

■ 99B18E

■ 43B112

■ A5B1A0

■ 37B101

■ B1B1B2

■ 36B100

■ BEB1C3

■ CAB1D5

■ D6B1E7

■ E2B1F8

# Harmonies

## Analogous

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



A9A640



74B159



15B784

# Triad

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



74B159



00AEFC



FA788F

# Complementary

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



74B159



9659B1

# 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.



EB7CBE



74B159



74A0FE

# Square

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



74B159



00B7E1



C08DE7



F08463

# Rectangle

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



74B159



00B9A5



C08DE7



F8789F



# Sweetspot

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



74B159



CEE6C3



B19559



64735E



F2F2F2



737373



# Same Dimension

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



74B159



86E65C



59B169



535950



2F9900



081A00



# Inverse Universe

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



9659B1



BB5CE6



B159A1



575059



6A0099



12001A



# Previews

## White Background



This preview shows how the Hex color 74B159 looks on a white background.

## Color Contrast Check

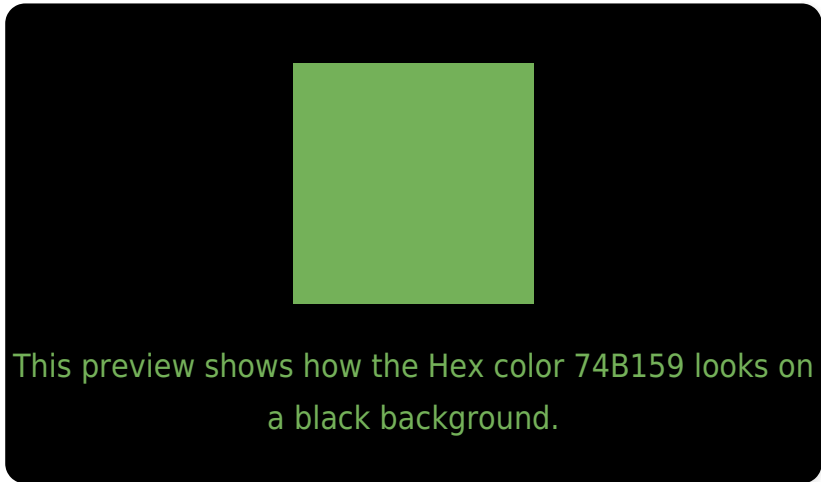
Large Text (above 18pt) WCAG AA × Fail

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

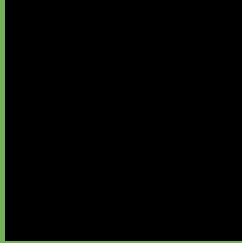
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74B159 Background



This preview shows how black text looks on a background with the Hex color 74B159.

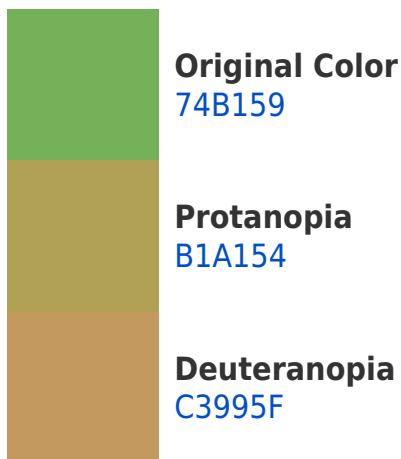


This preview shows how white text looks on a background with the Hex color 74B159.

# 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](#).

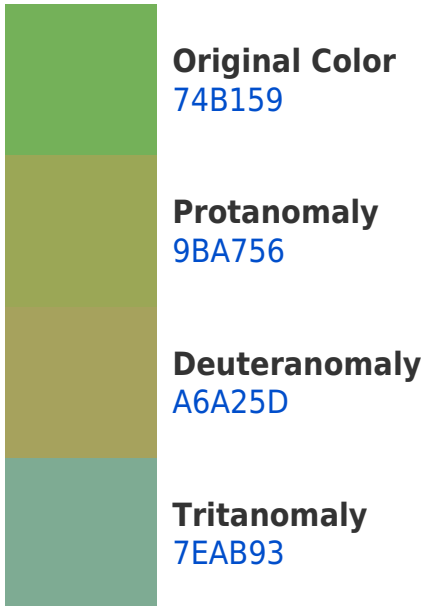
## Dichromacy





**Tritanopia**  
83A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74B159 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 #74B159 looks like.

```
.text, #text, p{  
    color:#74B159  
}
```

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 #74B159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B159
}
```

## Border

The CSS property to change the border of an element to Hex 74B159 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
#74B159 }
```

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

```
.border{ border-color:#74B159 }
```

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

Here you see how a box with a 4 pixel #74B159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B159; -webkit-box-shadow:4px 4px  
4px 4px #74B159; box-shadow:4px 4px 4px  
4px #74B159 }
```

# Background

The CSS property to change the background color of an element to Hex 74B159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B159 }
```

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

```
.background{ background-color:#74B159 }
```

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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