

# Converting Colors

Hex(74B861)

Have a look what the booklet for  
Hex(74B861) contains.

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**Color**

**Hex(74B861)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74B861
RGB	116, 184, 97
RGB Percent	45%, 72%, 38%
CMY	0.5451, 0.2784, 0.6196
CMYK	0.37, 0.00, 0.47, 0.28
HSL	107°, 38%, 55%
HSV	107°, 47%, 72%
XYZ	26.5006, 38.8571, 17.4127
YIQ	153.7500, -12.6010, -41.4730

# Conversions

## Conversions Part 2

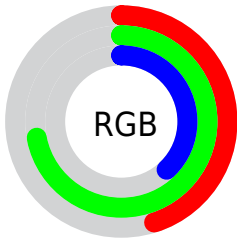
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 184, 165
Decimal	7649377
CIELab	68.65, -38.22, 37.39
CIELCh	69, 53.461, 135.629
Yxy	38.8571, 0.3202, 0.4695
Android (android.graphics.Color)	4285839457 (0xFF74B861)
YUV	153.7500, -27.9778, -33.1067
Hunter-Lab	62.3354, -33.2014, 27.0728

# Details

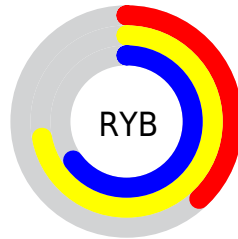
The Hex color **74B861** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A561B8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ABF095**, and **3E8230** is the 20% darker color. If you saturate the color by 10%, you get **66B84F**, and if you desaturate by 10%, it is **82B873**.

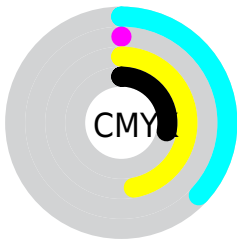
# Distribution



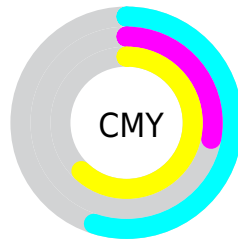
- Red (45%)
- Green (72%)
- Blue (38%)



- Red (38%)
- Yellow (72%)
- Blue (65%)



- Cyan (37%)
- Magenta (0%)
- Yellow (47%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74B861 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 74B861 by changing the saturation by 10% instead.



 74B861

 74B861

FFFFFF

 599D48

 ABF095

 3E8230

 C7FFB0

 226917

 E4FFCC

 005000

 FFFFE9

 003800

 002400

 000000


 74B861

 74B861

 66B84F

 82B873

 57B83C

 91B886

 49B82A

 9FB898

 3AB817

 AEB8AB

 2CB805

 BCB8BD

 28B800

 CAB8CF

 D9B8E2

 E7B8F4

 F5B8FF

# Harmonies

## Analogous

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



ABAD45



74B861



01BE8E

# Triad

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



74B861



00B3FF



FF7E90

# Complementary

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



74B861



A561B8

# 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.



F581C1



74B861



82A4FF

# Square

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



74B861



00BCEB



CB91EC



F68B64

# Rectangle

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



74B861



00C0AF



CB91EC



FF7DA0

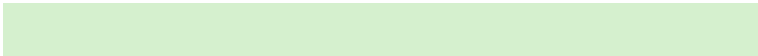


# Sweetspot

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



74B861



D5F0CE



B8A461



687863



F7F7F7



787878



# Same Dimension

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



74B861



85F067



61B878



555C53



229C00



061C00



# Inverse Universe

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



A561B8



D267F0



B861A1



5A535C



7A009C



16001C



# Previews

## White Background



This preview shows how the Hex color 74B861 looks on a white background.

## Color Contrast Check

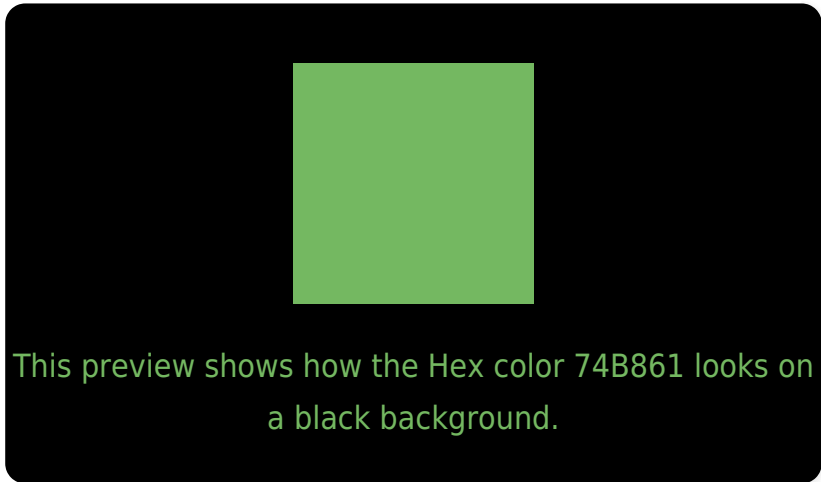
Large Text (above 18pt) WCAG AA × Fail

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 74B861 Background



This preview shows how black text looks on a background with the Hex color 74B861.



This preview shows how white text looks on a background with the Hex color 74B861.

# 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**  
74B861

**Protanopia**  
B7A75B

**Deuteranopia**  
CA9F67



**Tritanopia**  
84AEBC

# Trichromacy



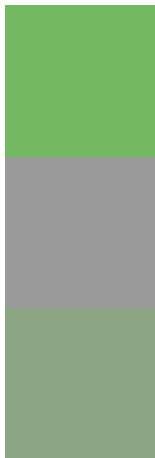
**Original Color**  
74B861

**Protanomaly**  
9FAD5D

**Deuteranomaly**  
ABA865

**Tritanomaly**  
7EB29B

# Monochromacy



**Original Color**  
74B861

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
8CA585

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74B861 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 #74B861 looks like.

```
.text, #text, p{  
    color:#74B861  
}
```

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 #74B861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B861
}
```

## Border

The CSS property to change the border of an element to Hex 74B861 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
#74B861 }
```

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

```
.border{ border-color:#74B861 }
```

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

Here you see how a box with a 4 pixel #74B861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B861; -webkit-box-shadow:4px 4px  
4px 4px #74B861; box-shadow:4px 4px 4px  
4px #74B861 }
```

# Background

The CSS property to change the background color of an element to Hex 74B861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B861 }
```

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

```
.background{ background-color:#74B861 }
```

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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