

Converting Colors

Hex(74B476)

Have a look what the booklet for
Hex(74B476) contains.

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Color

Hex(74B476)

Conversions

Conversions Part 1

Format	Color
Hex	74B476
RGB	116, 180, 118
RGB Percent	45%, 71%, 46%
CMY	0.5451, 0.2941, 0.5373
CMYK	0.36, 0.00, 0.34, 0.29
HSL	122°, 30%, 58%
HSV	122°, 36%, 71%
XYZ	26.7937, 37.6635, 22.9972
YIQ	153.7960, -18.2420, -32.8500

Conversions

Conversions Part 2

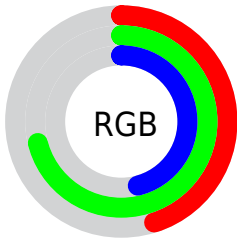
Format	Color
RYB	116, 178, 180
Decimal	7648374
CIELab	67.77, -33.24, 25.33
CIELCh	68, 41.791, 142.694
Yxy	37.6635, 0.3064, 0.4307
Android (android.graphics.Color)	4285838454 (0xFF74B476)
YUV	153.7960, -17.6474, -33.1471
Hunter-Lab	61.3706, -29.4675, 20.7419

Details

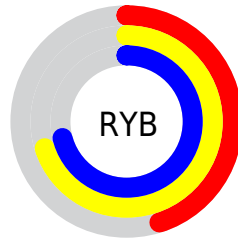
The Hex color **74B476** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B474B2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **AAECAB**, and **407F45** is the 20% darker color. If you saturate the color by 10%, you get **62B465**, and if you desaturate by 10%, it is **86B487**.

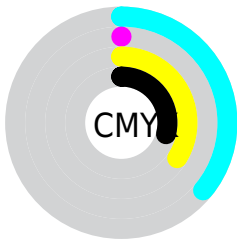
Distribution



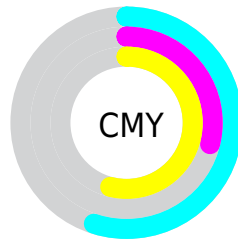
- Red (45%)
- Green (71%)
- Blue (46%)



- Red (45%)
- Yellow (70%)
- Blue (71%)



- Cyan (36%)
- Magenta (0%)
- Yellow (34%)
- Black (29%)



- Cyan (55%)
- Magenta (29%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74B476 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 74B476 by changing the saturation by 10% instead.



74B476



74B476

FFFFFF



5A995D



AAECAB



407F45



C6FFC6



26652E



E3FFE2



054D17



003500



002200



000000



74B476



74B476



62B465



86B487

 50B453

 98B499

 3EB442

 AAB4AA

 2CB430

 BCB4BC

 1AB41F

 CEB4CD

 08B40D

 E0B4DF

 00B406

 F2B4F0

 FFB4FF

Harmonies

Analogous

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



A0AC5E



74B476



3AB89A

Triad

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



74B476



57ACEF



ED898A

Complementary

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



74B476



B474B2

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.



E788B0



74B476



9B9FEB

Square

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



74B476



00B5E0



CB91D3



E1926A

Rectangle

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



74B476



00B9B4



CB91D3



EE8796

Sweetspot

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



74B476



D1EBD2



B3B474



667567



F5F5F5



757575

Same Dimension

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



74B476



86EB89



74B495



505951



009905



001A01

Inverse Universe

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



B474B2



EB86E7



B47493



595059



990094



1A0019

Previews

White Background



This preview shows how the Hex color 74B476 looks on a white background.

Color Contrast Check

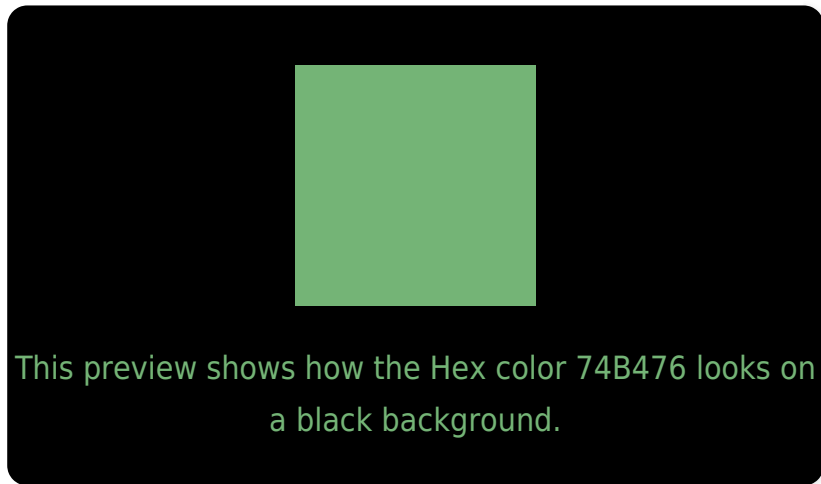
Large Text (above 18pt) WCAG AA × Fail

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

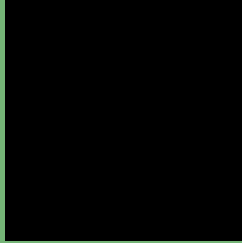
Any Text WCAG AA ✓ Pass

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 74B476 Background



This preview shows how black text looks on a background with the Hex color 74B476.

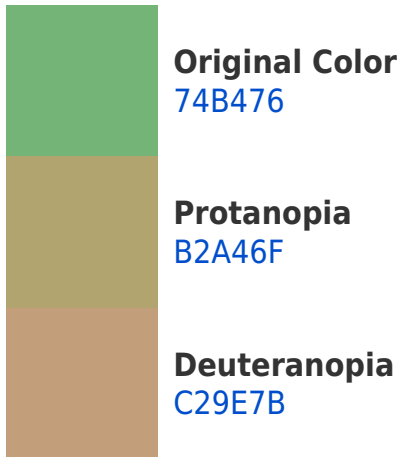


This preview shows how white text looks on a background with the Hex color 74B476.

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](#).

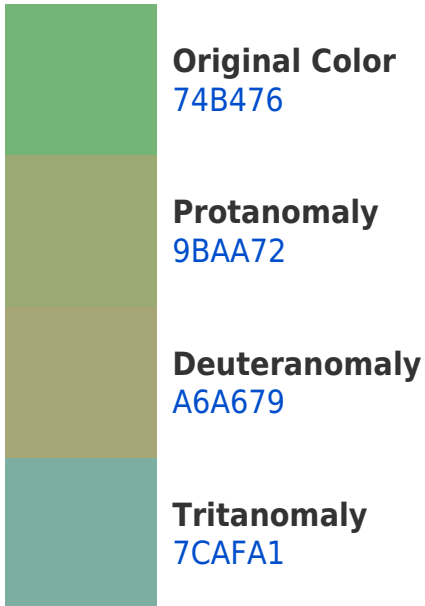
Dichromacy



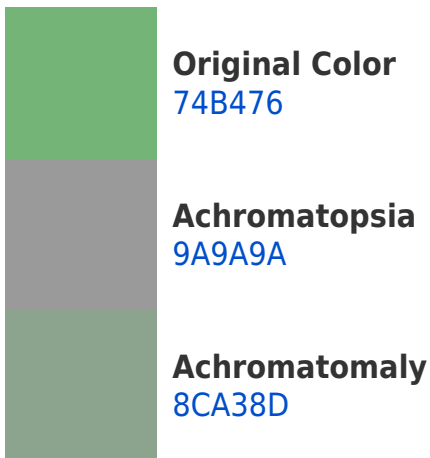


Tritanopia
81ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74B476 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 #74B476 looks like.

```
.text, #text, p{  
    color:#74B476  
}
```

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 #74B476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B476
}
```

Border

The CSS property to change the border of an element to Hex 74B476 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
#74B476 }
```

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

```
.border{ border-color:#74B476 }
```

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

Here you see how a box with a 4 pixel #74B476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B476; -webkit-box-shadow:4px 4px  
4px 4px #74B476; box-shadow:4px 4px 4px  
4px #74B476 }
```

Background

The CSS property to change the background color of an element to Hex 74B476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B476 }
```

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

```
.background{ background-color:#74B476 }
```

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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