

# Converting Colors

Hex(AFB74C)

Have a look what the booklet for  
Hex(AFB74C) contains.

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# **Color**

**Hex(AFB74C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFB74C
RGB	175, 183, 76
RGB Percent	69%, 72%, 30%
CMY	0.3137, 0.2824, 0.7020
CMYK	0.04, 0.00, 0.58, 0.28
HSL	64°, 43%, 51%
HSV	64°, 58%, 72%
XYZ	35.9172, 43.5027, 13.3413
YIQ	168.4100, 29.5790, -34.9730

# Conversions

## Conversions Part 2

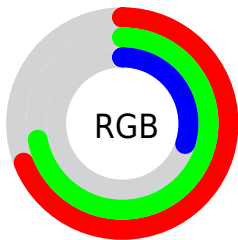
Format	Color
<a href="#">RYB</a>	<a href="#">76, 183, 84</a>
Decimal	<a href="#">11515724</a>
CIELab	<a href="#">71.89, -17.37, 52.21</a>
CIELCh	<a href="#">72, 55.020, 108.405</a>
Yxy	<a href="#">43.5027, 0.3872, 0.4690</a>
Android (android.graphics.Color)	<a href="#">4289705804 (0xFFAFB74C)</a>
YUV	<a href="#">168.4100, -45.5581, 5.7794</a>
Hunter-Lab	<a href="#">65.9566, -18.2205, 34.1768</a>

# Details

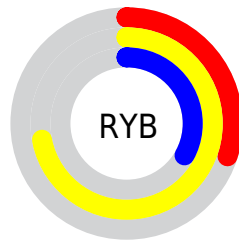
The Hex color **AFB74C** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **544CB7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **E9EF81**, and **788214** is the 20% darker color. If you saturate the color by 10%, you get **AEB73A**, and if you desaturate by 10%, it is **B0B75E**.

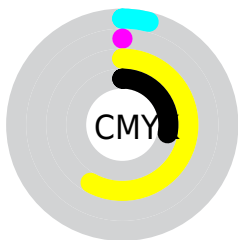
# Distribution



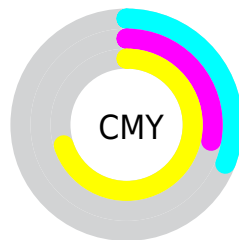
- Red (69%)
- Green (72%)
- Blue (30%)



- Red (30%)
- Yellow (72%)
- Blue (33%)



- Cyan (4%)
- Magenta (0%)
- Yellow (58%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFB74C 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 AFB74C by changing the saturation by 10% instead.



 AFB74C

 AFB74C

FFFFFF

 939C32

 E9EF81

 788214

 FFFF9C

 5D6900


 FFFFB8

 445100

 FFFFDD

 2A3A00

 FFFFF1

 112400

 000D00

 000000

 AFB74C

 AFB74C

 AEB73A

 B0B75E

 ACB727

 B2B771

 ABB715

 B3B783

 AAB703

 B4B795

 A9B700

 B6B7A8

 B7B7BA

 B9B7CC

 BAB7DE

 BBB7F1

# Harmonies

## Analogous

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



DEA74B



AFB74C



75C26B

# Triad

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



AFB74C



00C5FA



FF87C6

# Complementary

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



AFB74C



544CB7

# 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.



DB97F3



AFB74C



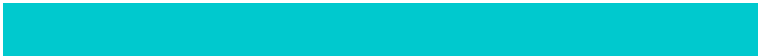
00BBFF

# Square

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



AFB74C



00C9CE



93ABFF



FF8693

# Rectangle

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



AFB74C



3CC789



93ABFF



F98BD6



# Sweetspot

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



AFB74C



EAEDC2



B7534C



76785D



F7F7F7



787878



# Same Dimension

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



AFB74C



E1ED47



7AB74C



5B5C53



909C00



1A1C00



# Inverse Universe

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



544CB7



5447ED



894CB7



53535C



0C009C



02001C



# Previews

## White Background



This preview shows how the Hex color AFB74C looks on a white background.

## Color Contrast Check

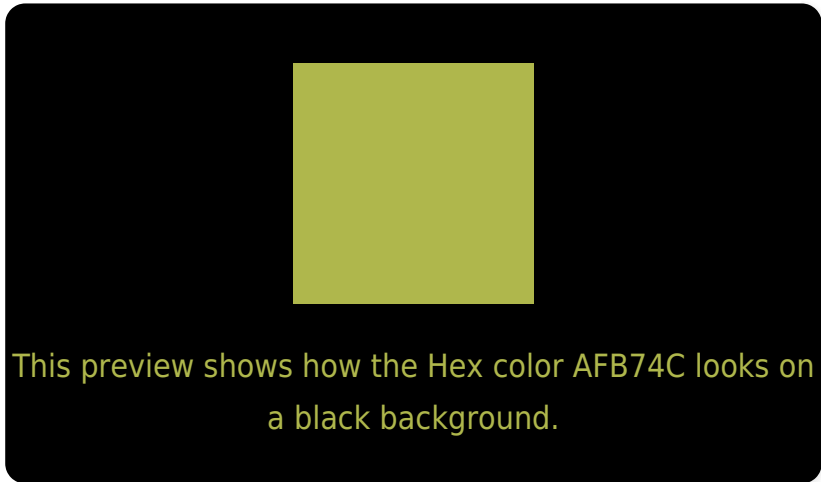
Large Text (above 18pt) WCAG AA × Fail

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

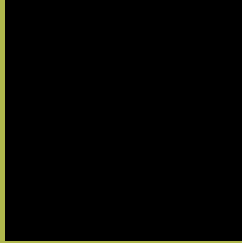
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFB74C Background



This preview shows how black text looks on a background with the Hex color AFB74C.



This preview shows how white text looks on a background with the Hex color AFB74C.

# 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



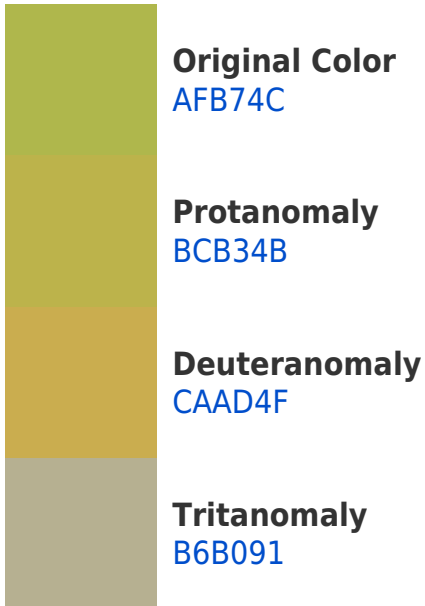
**Original Color**  
AFB74C

**Protanopia**  
C4B04A

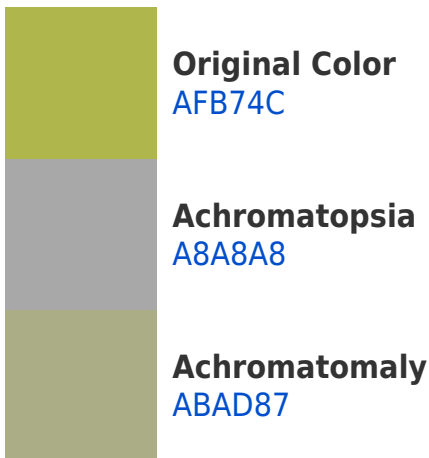
**Deuteranopia**  
DAA750



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFB74C 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 #AFB74C looks like.

```
.text, #text, p{  
    color:#AFB74C  
}
```

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 #AFB74C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFB74C
}
```

## Border

The CSS property to change the border of an element to Hex AFB74C 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
#AFB74C }
```

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

```
.border{ border-color:#AFB74C }
```

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

Here you see how a box with a 4 pixel #AFB74C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFB74C; -webkit-box-shadow:4px 4px  
4px 4px #AFB74C; box-shadow:4px 4px 4px  
4px #AFB74C }
```

# Background

The CSS property to change the background color of an element to Hex AFB74C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFB74C }
```

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

```
.background{ background-color:#AFB74C }
```

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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