

# Converting Colors

Hex(76B174)

Have a look what the booklet for  
Hex(76B174) contains.

<b>Hex(76B174)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(76B174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B174
RGB	118, 177, 116
RGB Percent	46%, 69%, 45%
CMY	0.5373, 0.3059, 0.5451
CMYK	0.33, 0.00, 0.34, 0.31
HSL	118°, 28%, 57%
HSV	118°, 34%, 69%
XYZ	26.3457, 36.5568, 22.1906
YIQ	152.4050, -15.5830, -31.4790

# Conversions

## Conversions Part 2

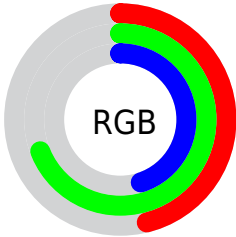
Format	Color
<a href="#">RYB</a>	<a href="#">116, 177, 175</a>
Decimal	<a href="#">7778676</a>
CIELab	<a href="#">66.94, -31.51, 25.31</a>
CIELCh	<a href="#">67, 40.412, 141.226</a>
Yxy	<a href="#">36.5568, 0.3096, 0.4296</a>
Android (android.graphics.Color)	<a href="#">4285968756 (0xFF76B174)</a>
YUV	<a href="#">152.4050, -17.9477, -30.1732</a>
Hunter-Lab	<a href="#">60.4622, -28.0295, 20.5632</a>

# Details

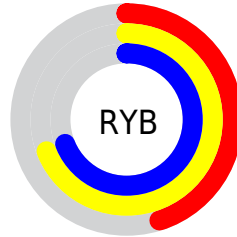
The Hex color **76B174** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF74B1**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **ACE9A8**, and **427C43** is the 20% darker color. If you saturate the color by 10%, you get **65B162**, and if you desaturate by 10%, it is **87B186**.

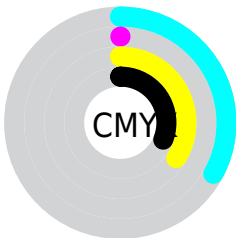
# Distribution



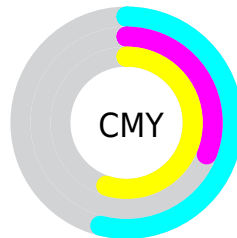
- Red (46%)
- Green (69%)
- Blue (45%)



- Red (45%)
- Yellow (69%)
- Blue (69%)



- Cyan (33%)
- Magenta (0%)
- Yellow (34%)
- Black (31%)



- Cyan (54%)
- Magenta (31%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76B174 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 76B174 by changing the saturation by 10% instead.





76B174



76B174

FFFFFF



5C965B



ACE9A8



427C43



C8FFC4



29632C



E4FFE0



0B4A16

FFFFFFD



003300



002000



000000



76B174



76B174



65B162



87B186

 54B151

 98B197

 43B13F

 A9B1A9

 32B12D

 BAB1BB

 20B11B

 CCB1CC

 0FB10A

 DDB1DE

 06B100

 EEB1F0

 FFB1FF

# Harmonies

## Analogous

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



A0A95D



76B174



41B597

# Triad

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



76B174



55AAEA



E9878A

# Complementary

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



76B174



AF74B1

# 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.



E287AF



76B174



979DE7

# Square

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



76B174



00B2DB



C690D1



DD906C

# Rectangle

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



76B174



00B6B0



C690D1



E98696



# Sweetspot

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



76B174



CFE6CF



B1AF74



657365



F2F2F2



737373



# Same Dimension

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



76B174



8AE687



74B190



515950



059900



011A00



# Inverse Universe

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



AF74B1



E287E6



B17495



595059



940099



19001A



# Previews

## White Background



This preview shows how the Hex color 76B174 looks on a white background.

## Color Contrast Check

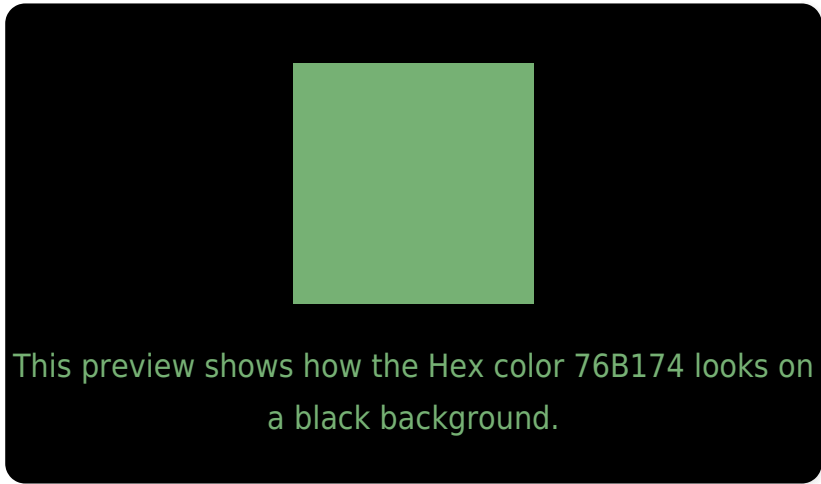
Large Text (above 18pt) WCAG AA × Fail

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

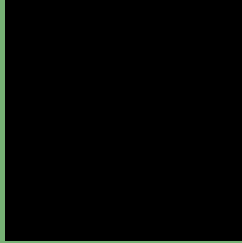
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76B174 Background



This preview shows how black text looks on a background with the Hex color 76B174.

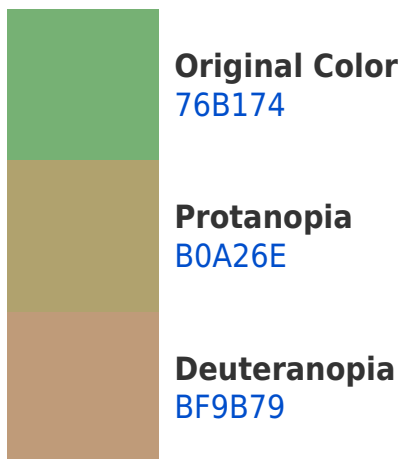


This preview shows how white text looks on a background with the Hex color 76B174.

# 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](#).

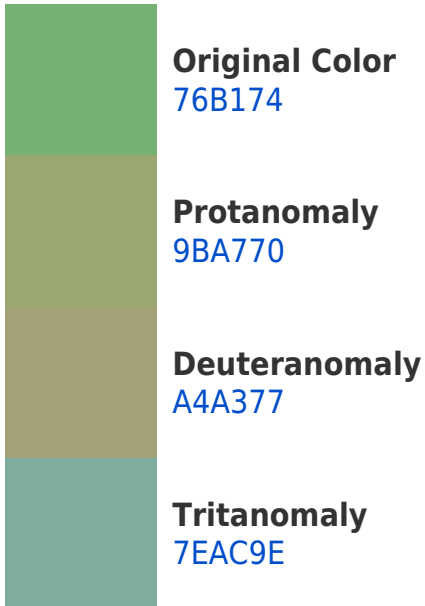
## Dichromacy



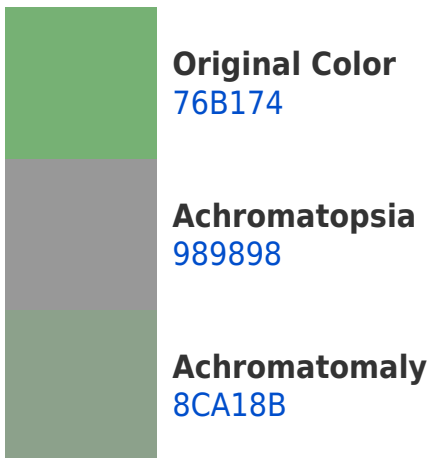


**Tritanopia**  
82A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76B174 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 #76B174 looks like.

```
.text, #text, p{  
    color:#76B174  
}
```

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 #76B174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B174
}
```

## Border

The CSS property to change the border of an element to Hex 76B174 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
#76B174 }
```

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

```
.border{ border-color:#76B174 }
```

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

Here you see how a box with a 4 pixel #76B174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B174; -webkit-box-shadow:4px 4px  
4px 4px #76B174; box-shadow:4px 4px 4px  
4px #76B174 }
```

# Background

The CSS property to change the background color of an element to Hex 76B174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B174 }
```

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

```
.background{ background-color:#76B174 }
```

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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