

# Converting Colors

Hex(76974D)

Have a look what the booklet for  
Hex(76974D) contains.

<b>Hex(76974D)</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(76974D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76974D
RGB	118, 151, 77
RGB Percent	46%, 59%, 30%
CMY	0.5373, 0.4078, 0.6980
CMYK	0.22, 0.00, 0.49, 0.41
HSL	87°, 32%, 45%
HSV	87°, 49%, 59%
XYZ	19.8774, 26.5206, 11.0925
YIQ	132.6970, 4.0860, -30.0100

# Conversions

## Conversions Part 2

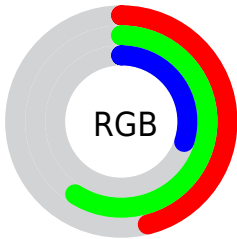
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 151, 110
Decimal	7771981
CIELab	58.53, -24.45, 35.09
CIELCh	59, 42.769, 124.875
Yxy	26.5206, 0.3458, 0.4613
Android (android.graphics.Color)	4285962061 (0xFF76974D)
YUV	132.6970, -27.4586, -12.8893
Hunter-Lab	51.4981, -21.2239, 23.2778

# Details

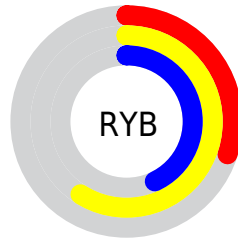
The Hex color **76974D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6E4D97**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **ACCD80**, and **43641D** is the 20% darker color. If you saturate the color by 10%, you get **6F973E**, and if you desaturate by 10%, it is **7D975C**.

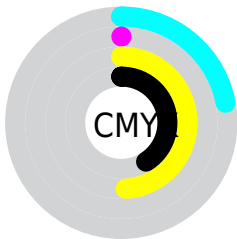
# Distribution



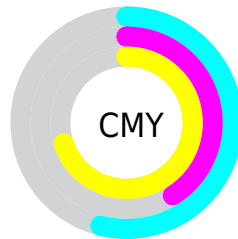
- Red (46%)
- Green (59%)
- Blue (30%)



- Red (30%)
- Yellow (59%)
- Blue (43%)



- Cyan (22%)
- Magenta (0%)
- Yellow (49%)
- Black (41%)



- Cyan (54%)
- Magenta (41%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76974D 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 76974D by changing the saturation by 10% instead.





76974D



76974D

FFFFFF



5C7D35



ACCD80



43641D



C7EA9A



2B4C03



E4FFB5



143500



FFFFD1



002100



FFFEE



000000



76974D



76974D



6F973E



7D975C



69972F



83976B

■ 629720

■ 8A977A

■ 5B9711

■ 919789

■ 549702

■ 989799

■ 549700

■ 9E97A8

■ A597B7

■ AC97C6

■ B397D5

# Harmonies

## Analogous

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



9D8D40



76974D



439D6C

# Triad

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



76974D



0099D0



D26D88

# Complementary

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



76974D



6E4D97

# 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.



C073AD



76974D



588FD7

# Square

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



76974D



009FB6



9881CA



D07364

# Rectangle

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



76974D



009F85



9881CA



CF6E95



# Sweetspot

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



76974D



B7C4A7



976D4D



5B6352



E3E3E3



636363



# Same Dimension

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



76974D



91C451



52974D



494D45



4E8C00



070D00



# Inverse Universe

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



6E4D97



8451C4



924D97



48454D



3F008C



06000D



# Previews

## White Background



This preview shows how the Hex color 76974D looks on a white background.

## Color Contrast Check

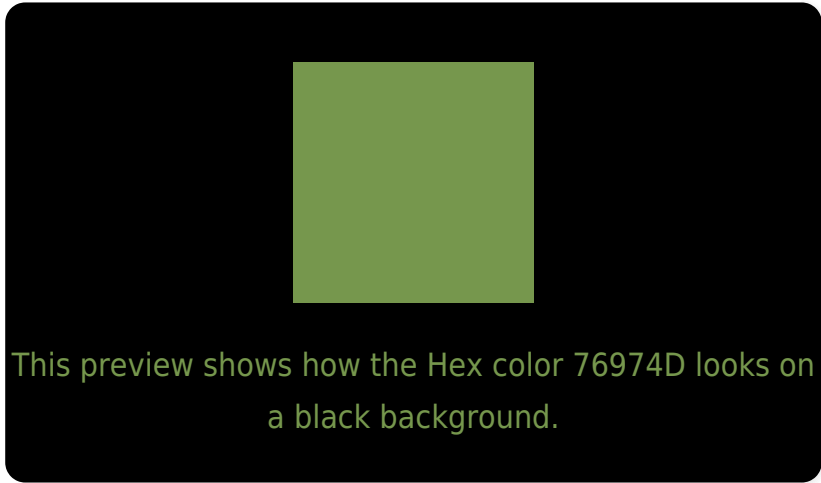
Large Text (above 18pt) WCAG AA ✓ Pass

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

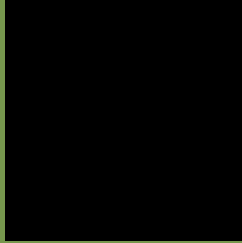
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 76974D Background



This preview shows how black text looks on a background with the Hex color 76974D.

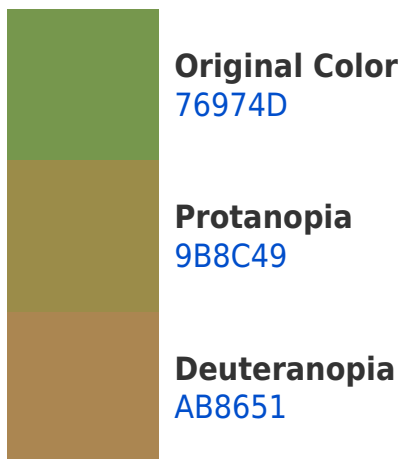


This preview shows how white text looks on a background with the Hex color 76974D.

# 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**  
818E9A

# Trichromacy



**Original Color**  
76974D

**Protanomaly**  
8E904A

**Deuteranomaly**  
988C50

**Tritanomaly**  
7D917E

# Monochromacy



**Original Color**  
76974D

**Achromatopsia**  
858585

**Achromatomaly**  
808C71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76974D 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 #76974D looks like.

```
.text, #text, p{  
    color:#76974D  
}
```

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 #76974D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76974D
}
```

## Border

The CSS property to change the border of an element to Hex 76974D 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
#76974D }
```

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

```
.border{ border-color:#76974D }
```

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

Here you see how a box with a 4 pixel #76974D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76974D; -webkit-box-shadow:4px 4px  
4px 4px #76974D; box-shadow:4px 4px 4px  
4px #76974D }
```

# Background

The CSS property to change the background color of an element to Hex 76974D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76974D }
```

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

```
.background{ background-color:#76974D }
```

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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