

# Converting Colors

Hex(76A967)

Have a look what the booklet for  
Hex(76A967) contains.

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# **Color**

**Hex(76A967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76A967
RGB	118, 169, 103
RGB Percent	46%, 66%, 40%
CMY	0.5373, 0.3373, 0.5961
CMYK	0.30, 0.00, 0.39, 0.34
HSL	106°, 28%, 53%
HSV	106°, 39%, 66%
XYZ	24.1074, 33.2068, 17.9709
YIQ	146.2270, -9.2100, -31.3380

# Conversions

## Conversions Part 2

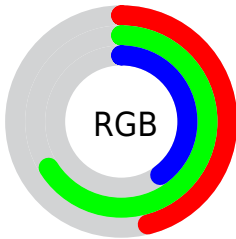
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 169, 154
Decimal	7776615
CIELab	64.33, -29.74, 28.79
CIElCh	64, 41.393, 135.931
Yxy	33.2068, 0.3202, 0.4411
Android (android.graphics.Color)	4285966695 (0xFF76A967)
YUV	146.2270, -21.3109, -24.7551
Hunter-Lab	57.6253, -26.1694, 21.8476

# Details

The Hex color **76A967** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A67A9**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ACE19B**, and **437537** is the 20% darker color. If you saturate the color by 10%, you get **69A956**, and if you desaturate by 10%, it is **83A978**.

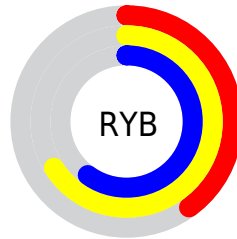
# Distribution



Red (46%)

Green (66%)

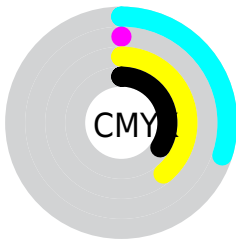
Blue (40%)



Red (40%)

Yellow (66%)

Blue (60%)

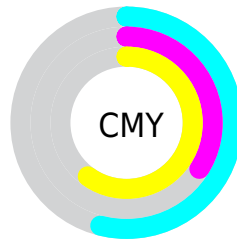


Cyan (30%)

Magenta (0%)

Yellow (39%)

Black (34%)



Cyan (54%)

Magenta (34%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76A967 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 76A967 by changing the saturation by 10% instead.





76A967



76A967

FFFFFF



5C8E4E



ACE19B



437537



C8FDB6



2A5C20



E4FFD2



0E4408



FFFFEE



002D00



001800



000000



76A967



76A967



69A956



83A978

■ 5CA945

■ 90A989

■ 4FA934

■ 9DA99A

■ 42A923

■ AAA9AB

■ 35A913

■ B7A9BB

■ 28A902

■ C4A9CC

■ 26A900

■ D1A9DD

■ DEA9EE

■ ECA9FF

# Harmonies

## Analogous

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



A0A053



76A967



41AE89

# Triad

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



76A967



37A5E3



E37F8A

# Complementary

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



76A967



9A67A9

# 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.



D880AF



76A967



8499E3

# Square

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



76A967



00ACD0



B88BD0



DA8768

# Rectangle

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



76A967



00AFA2



B88BD0



E27E96



# Sweetspot

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



76A967



C7DBC1



A99A67



626E5E



EDEDED



6E6E6E



# Same Dimension

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



76A967



8CDB74



67A979



4E544C



229400



051400



# Inverse Universe

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



9A67A9



C474DB



A96797



524C54



720094



100014



# Previews

## White Background



This preview shows how the Hex color 76A967 looks on a white background.

## Color Contrast Check

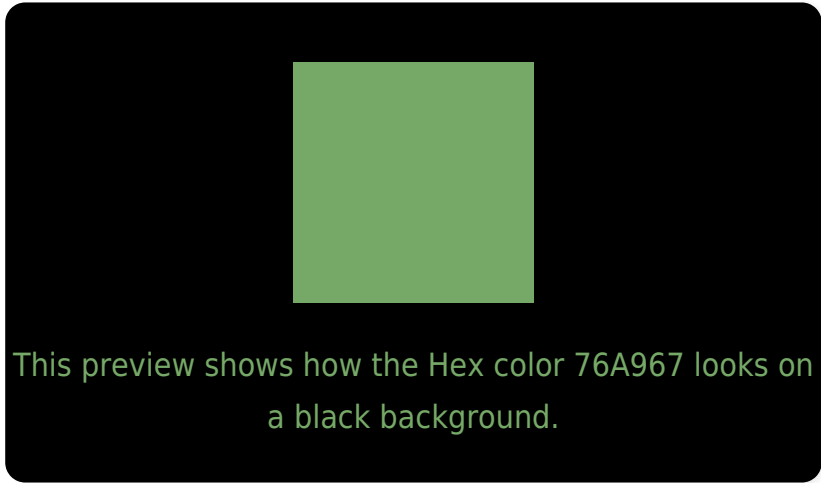
Large Text (above 18pt) WCAG AA × Fail

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

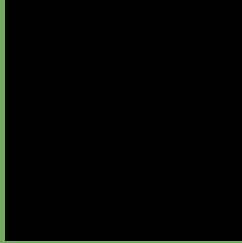
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76A967 Background



This preview shows how black text looks on a background with the Hex color 76A967.



This preview shows how white text looks on a background with the Hex color 76A967.

# 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**  
82A1AD

# Trichromacy



**Original Color**  
76A967

**Protanomaly**  
96A064

**Deuteranomaly**  
A19C6A

**Tritanomaly**  
7EA494

# Monochromacy



**Original Color**  
76A967

**Achromatopsia**  
929292

**Achromatomaly**  
889A82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76A967 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 #76A967 looks like.

```
.text, #text, p{  
    color:#76A967  
}
```

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 #76A967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A967
}
```

## Border

The CSS property to change the border of an element to Hex 76A967 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
#76A967 }
```

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

```
.border{ border-color:#76A967 }
```

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

Here you see how a box with a 4 pixel #76A967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A967; -webkit-box-shadow:4px 4px  
4px 4px #76A967; box-shadow:4px 4px 4px  
4px #76A967 }
```

# Background

The CSS property to change the background color of an element to Hex 76A967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A967 }
```

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

```
.background{ background-color:#76A967 }
```

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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