

# Converting Colors

Hex(748961)

Have a look what the booklet for  
Hex(748961) contains.

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# Color

**Hex(748961)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	748961
RGB	116, 137, 97
RGB Percent	45%, 54%, 38%
CMY	0.5451, 0.4627, 0.6196
CMYK	0.15, 0.00, 0.29, 0.46
HSL	92°, 17%, 46%
HSV	92°, 29%, 54%
XYZ	18.3058, 22.4674, 14.6811
YIQ	126.1610, 0.3240, -16.8920

# Conversions

## Conversions Part 2

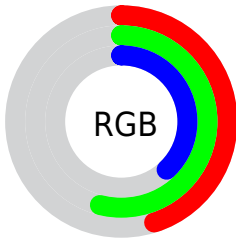
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 137, 118
Decimal	7637345
CIE Lab	54.52, -15.21, 19.03
CIE LCh	55, 24.363, 128.644
Yxy	22.4674, 0.3301, 0.4052
Android (android.graphics.Color)	4285827425 (0xFF748961)
YUV	126.1610, -14.3764, -8.9112
Hunter-Lab	47.3998, -14.0129, 14.8160

# Details

The Hex color **748961** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **766189**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A8BE94**, and **435732** is the 20% darker color. If you saturate the color by 10%, you get **6D8953**, and if you desaturate by 10%, it is **7B896F**.

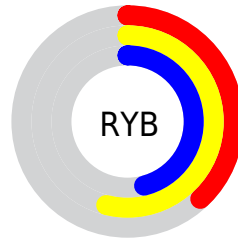
# Distribution



Red (45%)

Green (54%)

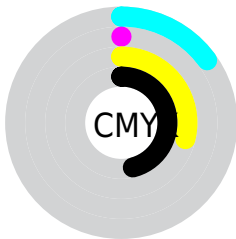
Blue (38%)



Red (38%)

Yellow (54%)

Blue (46%)

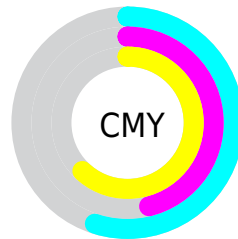


Cyan (15%)

Magenta (0%)

Yellow (29%)

Black (46%)



Cyan (55%)

Magenta (46%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 748961 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 748961 by changing the saturation by 10% instead.



 748961

 748961

FFFFFF

 5B7049

 A8BE94

 435732

 C4DAAF

 2C401C

 E0F7CA

 172A05

 FDFFE6

 001700

 000000

 748961

 748961

 6D8953

 7B896F

 668946

 82897C

■ 5E8938

■ 8A898A

■ 57892A

■ 918998

■ 50891C

■ 9889A5

■ 49890F

■ 9F89B3

■ 428901

■ A689C1

■ 418900

■ AE89CF

■ B589DC

# Harmonies

## Analogous

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



8B8359



748961



5B8D72

# Triad

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



748961



5289A9



AC737D

# Complementary

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



748961



766189

# 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.



A27592



748961



7082AC

# Square

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



748961



408D9C



8D7BA3



AA7669

# Rectangle

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



748961



4C8E81



8D7BA3



AA7384



# Sweetspot

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



748961



AAB3A2



897661



54594F



D9D9D9



595959



# Same Dimension

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



748961



92B374



618962



41453E



3F8500



020500



# Inverse Universe

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



766189



9574B3



896188



423E45



460085

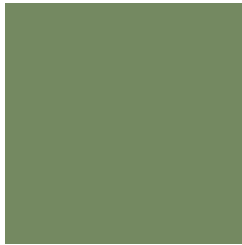


030005



# Previews

## White Background



This preview shows how the Hex color 748961 looks on a white background.

## Color Contrast Check

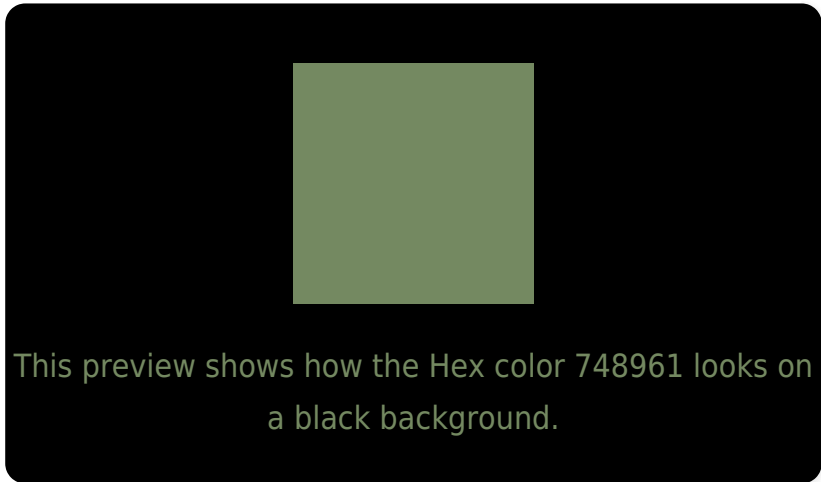
Large Text (above 18pt) WCAG AA ✓ Pass

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

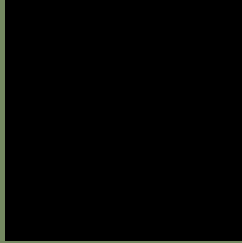
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 748961 Background



This preview shows how black text looks on a background with the Hex color 748961.



This preview shows how white text looks on a background with the Hex color 748961.

# 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](#).

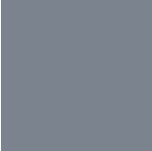
## Dichromacy



**Original Color**  
748961

**Protanopia**  
8C825E

**Deuteranopia**  
997D64



**Tritanopia**  
7B838E

# Trichromacy



**Original Color**  
748961

**Protanomaly**  
83855F

**Deuteranomaly**  
8C8163

**Tritanomaly**  
78857E

# Monochromacy



**Original Color**  
748961

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7A8273

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 748961 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 #748961 looks like.

```
.text, #text, p{  
    color:#748961  
}
```

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 #748961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748961
}
```

## Border

The CSS property to change the border of an element to Hex 748961 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
#748961 }
```

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

```
.border{ border-color:#748961 }
```

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

Here you see how a box with a 4 pixel #748961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748961; -webkit-box-shadow:4px 4px  
4px 4px #748961; box-shadow:4px 4px 4px  
4px #748961 }
```

# Background

The CSS property to change the background color of an element to Hex 748961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748961 }
```

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

```
.background{ background-color:#748961 }
```

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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