

# Converting Colors

Hex(748471)

Have a look what the booklet for  
Hex(748471) contains.

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# Color

Hex(748471)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	748471
RGB	116, 132, 113
RGB Percent	45%, 52%, 44%
CMY	0.5451, 0.4824, 0.5569
CMYK	0.12, 0.00, 0.14, 0.48
HSL	111°, 8%, 48%
HSV	111°, 14%, 52%
XYZ	18.4344, 21.4078, 18.7833
YIQ	125.0500, -3.4370, -9.3010

# Conversions

## Conversions Part 2

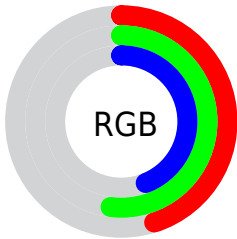
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 132, 129
Decimal	7636081
CIELab	53.39, -9.68, 8.31
CIElCh	53, 12.759, 139.376
Yxy	21.4078, 0.3144, 0.3652
Android (android.graphics.Color)	4285826161 (0xFF748471)
YUV	125.0500, -5.9406, -7.9368
Hunter-Lab	46.2685, -9.8518, 8.3185

# Details

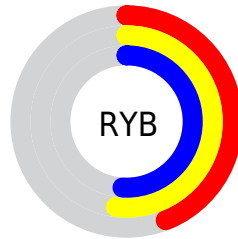
The Hex color **748471** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **817184**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A8B9A5**, and **445341** is the 20% darker color. If you saturate the color by 10%, you get **698464**, and if you desaturate by 10%, it is **7F847E**.

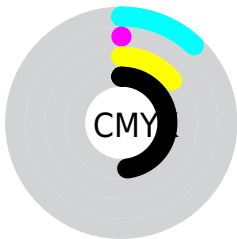
# Distribution



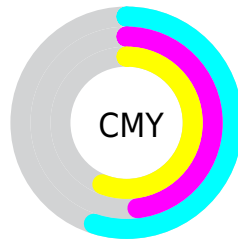
- Red (45%)
- Green (52%)
- Blue (44%)



- Red (44%)
- Yellow (52%)
- Blue (51%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (48%)



- Cyan (55%)
- Magenta (48%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 748471 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 748471 by changing the saturation by 10% instead.





748471



748471

FFFFFF



5B6B59



A8B9A5



445341



C3D5C0



2D3B2B



DFF1DC



182617



FCFF8



001200



000000



748471



748471



698464



7F847E



5E8457



8A848B

 538449


 958499

 48843C

 A084A6

 3C842F

 AC84B3

 318422

 B784C0

 268415

 C284CD

 1B8407

 CD84DB

 158400

 D884E8

# Harmonies

## Analogous

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



81816B



748471



69867B

# Triad

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



748471



6F8295



977879

# Complementary

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



748471



817184

# 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.



937884



748471



7D7E94

# Square

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



748471



658490



8A7B8E



947A6F

# Rectangle

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



748471



648683



8A7B8E



96787C



# Sweetspot

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



748471



A5ABA4



848171



535752



D6D6D6



575757



# Same Dimension

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



748471



92AB8E



718477



3D423C



158200



000300



# Inverse Universe

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



817184



A68EAB



84717E



413C42



6E0082

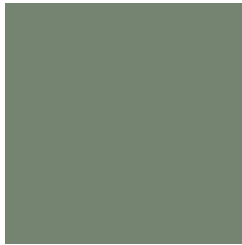


020003



# Previews

## White Background



This preview shows how the Hex color 748471 looks on a white background.

## Color Contrast Check

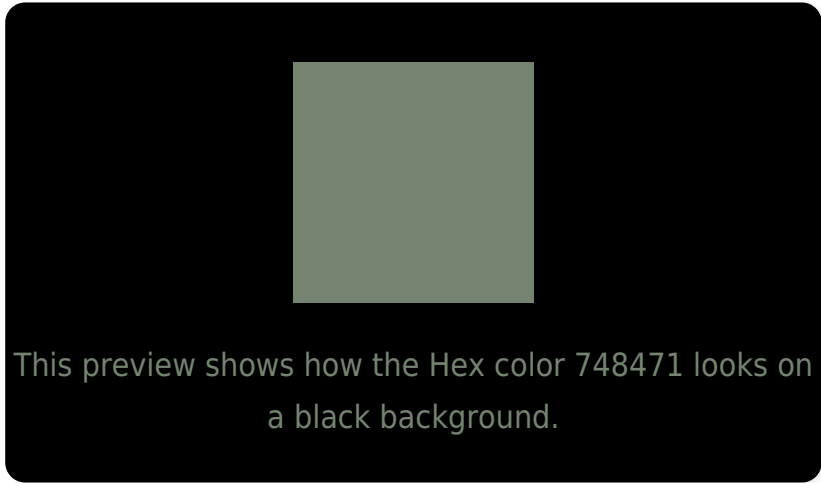
Large Text (above 18pt) WCAG AA ✓ Pass

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

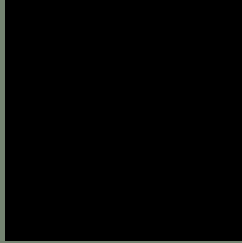
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 748471 Background



This preview shows how black text looks on a background with the Hex color 748471.

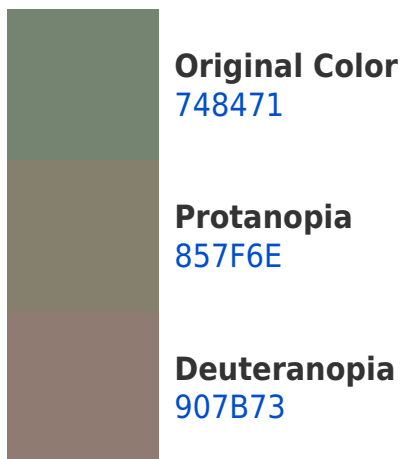


This preview shows how white text looks on a background with the Hex color 748471.

# 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**  
78808B

# Trichromacy



**Original Color**  
748471

**Protanomaly**  
7F816F

**Deuteranomaly**  
867E72

**Tritanomaly**  
778182

# Monochromacy



**Original Color**  
748471

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7A8079

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 748471 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 #748471 looks like.

```
.text, #text, p{  
    color:#748471  
}
```

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 #748471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748471
}
```

## Border

The CSS property to change the border of an element to Hex 748471 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
#748471 }
```

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

```
.border{ border-color:#748471 }
```

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

Here you see how a box with a 4 pixel #748471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748471; -webkit-box-shadow:4px 4px  
4px 4px #748471; box-shadow:4px 4px 4px  
4px #748471 }
```

# Background

The CSS property to change the background color of an element to Hex 748471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748471 }
```

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

```
.background{ background-color:#748471 }
```

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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