

# Converting Colors

Hex(748B70)

Have a look what the booklet for  
Hex(748B70) contains.

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**Color**

**Hex(748B70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	748B70
RGB	116, 139, 112
RGB Percent	45%, 55%, 44%
CMY	0.5451, 0.4549, 0.5608
CMYK	0.17, 0.00, 0.19, 0.45
HSL	111°, 11%, 49%
HSV	111°, 19%, 55%
XYZ	19.3597, 23.3481, 18.8155
YIQ	129.0450, -5.0410, -13.2730

# Conversions

## Conversions Part 2

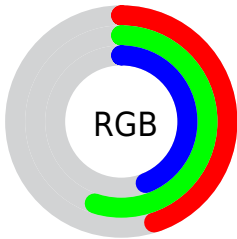
Format	Color
<a href="#">RYB</a>	<a href="#">112, 139, 135</a>
Decimal	<a href="#">7637872</a>
CIELab	<a href="#">55.43, -13.70, 11.75</a>
CIELCh	<a href="#">55, 18.049, 139.365</a>
Yxy	<a href="#">23.3481, 0.3147, 0.3795</a>
Android (android.graphics.Color)	<a href="#">4285827952 (0xFF748B70)</a>
YUV	<a href="#">129.0450, -8.4032, -11.4405</a>
Hunter-Lab	<a href="#">48.3199, -13.0424, 10.7367</a>

# Details

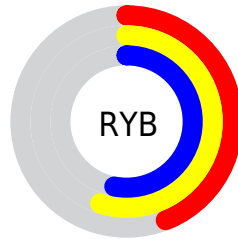
The Hex color **748B70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **87708B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A8C1A4**, and **435940** is the 20% darker color. If you saturate the color by 10%, you get **688B62**, and if you desaturate by 10%, it is **808B7E**.

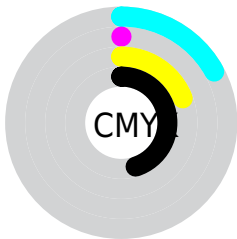
# Distribution



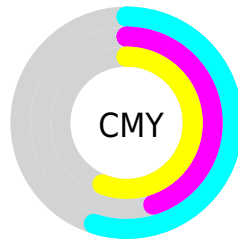
- Red (45%)
- Green (55%)
- Blue (44%)



- Red (44%)
- Yellow (55%)
- Blue (53%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (55%)
- Magenta (45%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 748B70 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 748B70 by changing the saturation by 10% instead.





748B70



748B70

FFFFFF



5B7158



A8C1A4



435940



C4DCBF



2D412A



E0F9DB



172B15



FCFFF7



001800



000000



748B70



748B70



688B62



808B7E



5C8B54



8C8B8C

 508B46

 988B9A

 458B38

 A38BA8

 398B2B

 AF8BB6

 2D8B1D

 BB8BC3

 218B0F

 C78BD1

 158B01

 D38BDF

 158B00

 DF8BED

# Harmonies

## Analogous

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



868767



748B70



648D7E

# Triad

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



748B70



6B88A3



A57A7B

# Complementary

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



748B70



87708B

# 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.



A17A8B



748B70



8083A2

# Square

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



748B70



5C8C9C



937D99



A17D6E

# Rectangle

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



748B70



5C8E89



937D99



A57A80



# Sweetspot

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



748B70



ACB5AA



8B8770



565C55



DBDBDB



5C5C5C



# Same Dimension

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



748B70



92B58B



708B79



3F453E



148500



010500



# Inverse Universe

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



87708B



AF8BB5



8B7082



443E45



710085



040005



# Previews

## White Background



This preview shows how the Hex color 748B70 looks on a white background.

## Color Contrast Check

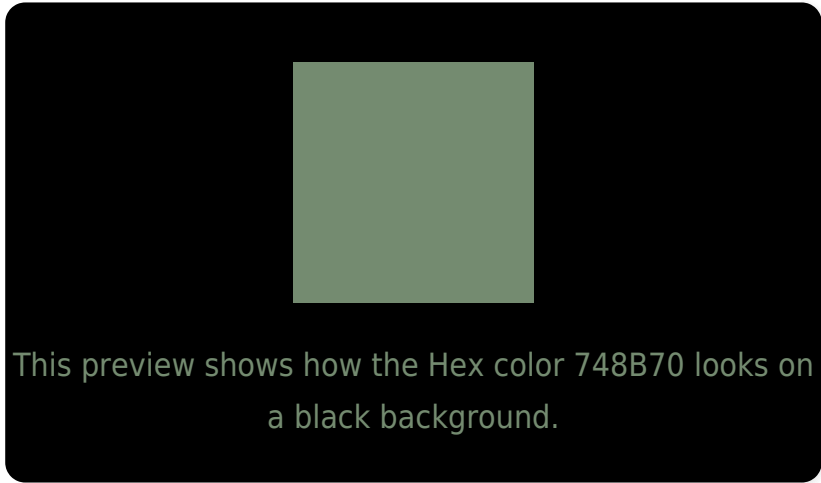
Large Text (above 18pt) WCAG AA ✓ Pass

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

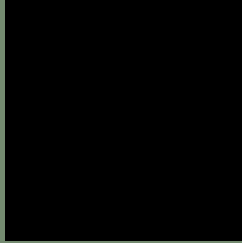
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 748B70 Background



This preview shows how black text looks on a background with the Hex color 748B70.

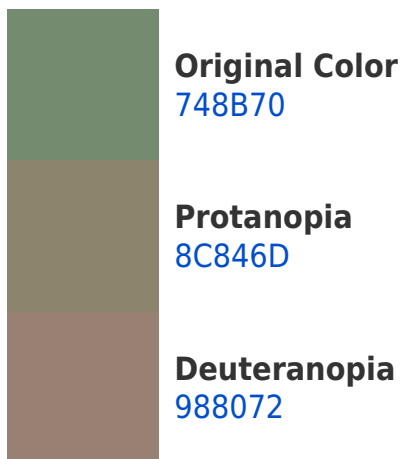


This preview shows how white text looks on a background with the Hex color 748B70.

# 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**  
798691

# Trichromacy



**Original Color**  
748B70

**Protanomaly**  
83876E

**Deuteranomaly**  
8B8471

**Tritanomaly**  
778885

# Monochromacy



**Original Color**  
748B70

**Achromatopsia**  
818181

**Achromatomaly**  
7C857B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 748B70 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 #748B70 looks like.

```
.text, #text, p{  
    color:#748B70  
}
```

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 #748B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748B70
}
```

## Border

The CSS property to change the border of an element to Hex 748B70 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
#748B70 }
```

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

```
.border{ border-color:#748B70 }
```

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

Here you see how a box with a 4 pixel #748B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748B70; -webkit-box-shadow:4px 4px  
4px 4px #748B70; box-shadow:4px 4px 4px  
4px #748B70 }
```

# Background

The CSS property to change the background color of an element to Hex 748B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748B70 }
```

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

```
.background{ background-color:#748B70 }
```

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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