

Converting Colors

Hex(748D72)

Have a look what the booklet for
Hex(748D72) contains.

Hex(748D72)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(748D72)

Conversions

Conversions Part 1

Format	Color
Hex	748D72
RGB	116, 141, 114
RGB Percent	45%, 55%, 45%
CMY	0.5451, 0.4471, 0.5529
CMYK	0.18, 0.00, 0.19, 0.45
HSL	116°, 11%, 50%
HSV	116°, 19%, 55%
XYZ	19.7646, 23.9777, 19.5060
YIQ	130.4470, -6.2330, -13.6970

Conversions

Conversions Part 2

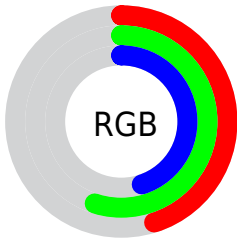
Format	Color
RYB	114, 141, 139
Decimal	7638386
CIELab	56.07, -14.40, 11.51
CIELCh	56, 18.434, 141.382
Yxy	23.9777, 0.3125, 0.3791
Android (android.graphics.Color)	4285828466 (0xFF748D72)
YUV	130.4470, -8.1084, -12.6700
Hunter-Lab	48.9670, -13.6441, 10.6587

Details

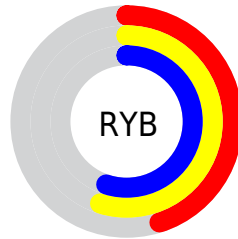
The Hex color **748D72** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B728D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A8C3A6**, and **435B42** is the 20% darker color. If you saturate the color by 10%, you get **678D64**, and if you desaturate by 10%, it is **818D80**.

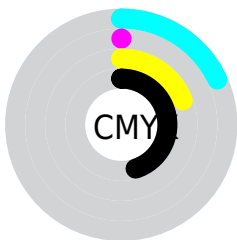
Distribution



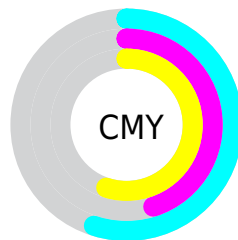
- Red (45%)
- Green (55%)
- Blue (45%)



- Red (45%)
- Yellow (55%)
- Blue (55%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 748D72 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 748D72 by changing the saturation by 10% instead.



748D72



748D72

FFFFFF



5B7359



A8C3A6



435B42



C4DFC1



2D432C



E0FBDD



172D17



FCFFFA



001900



000000



748D72



748D72



678D64



818D80



5A8D56



8E8D8E

 4D8D48

 9B8D9C

 408D3A

 A88DAA

 338D2C

 B58DB9

 268D1D

 C28DC7

 198D0F

 CF8DD5

 0C8D01

 DC8DE3

 0A8D00

 EA8DF1

Harmonies

Analogous

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



868968



748D72



638F81

Triad

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



748D72



6D89A6



A87B7B

Complementary

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



748D72



8B728D

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.



A37B8C



748D72



8384A4

Square

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



748D72



5D8D9F



977F9B



A37F6E

Rectangle

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



748D72



5C908C



977F9B



A77B81

Sweetspot

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



748D72



ADB8AD



8D8B72



565C55



DBDBDB



5C5C5C

Same Dimension

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



748D72



91B88D



728D7D



414740



0A8700



010800

Inverse Universe

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



8B728D



B48DB8



8D7282



474047



7D0087



070008

Previews

White Background



This preview shows how the Hex color 748D72 looks on a white background.

Color Contrast Check

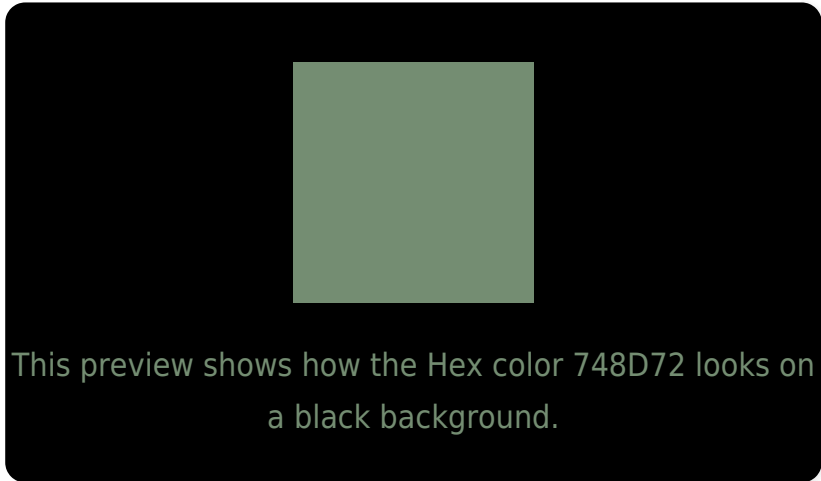
Large Text (above 18pt) WCAG AA ✓ Pass

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

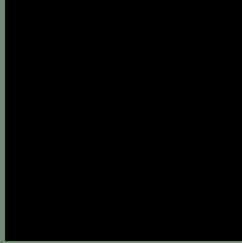
Any Text WCAG AA ✓ Pass

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 748D72 Background



This preview shows how black text looks on a background with the Hex color 748D72.



This preview shows how white text looks on a background with the Hex color 748D72.

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](#).

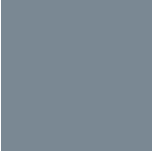
Dichromacy



Original Color
748D72

Protanopia
8E866E

Deuteranopia
998174



Tritanopia
7A8893

Trichromacy



Original Color

748D72

Protanomaly

85896F

Deuteranomaly

8C8573

Tritanomaly

788A87

Monochromacy



Original Color

748D72

Achromatopsia

828282

Achromatomaly

7D867C

CSS Examples

Text

The CSS property to change the color of the text to Hex 748D72 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 #748D72 looks like.

```
.text, #text, p{  
    color:#748D72  
}
```

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 #748D72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748D72
}
```

Border

The CSS property to change the border of an element to Hex 748D72 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
#748D72 }
```

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

```
.border{ border-color:#748D72 }
```

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

Here you see how a box with a 4 pixel #748D72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748D72; -webkit-box-shadow:4px 4px  
4px 4px #748D72; box-shadow:4px 4px 4px  
4px #748D72 }
```

Background

The CSS property to change the background color of an element to Hex 748D72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748D72 }
```

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

```
.background{ background-color:#748D72 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor