

# Converting Colors

Hex(748C81)

Have a look what the booklet for  
Hex(748C81) contains.

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# Color

Hex(748C81)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	748C81
RGB	116, 140, 129
RGB Percent	45%, 55%, 51%
CMY	0.5451, 0.4510, 0.4941
CMYK	0.17, 0.00, 0.08, 0.45
HSL	152°, 9%, 50%
HSV	152°, 17%, 55%
XYZ	20.5430, 24.0541, 24.3291
YIQ	131.5700, -10.7730, -8.5090

# Conversions

## Conversions Part 2

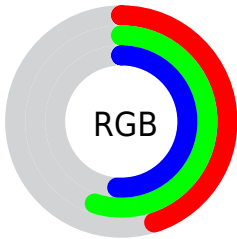
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 132, 140
Decimal	7638145
CIELab	56.14, -10.89, 3.02
CIElCh	56, 11.305, 164.506
Yxy	24.0541, 0.2980, 0.3490
Android (android.graphics.Color)	4285828225 (0xFF748C81)
YUV	131.5700, -1.2670, -13.6549
Hunter-Lab	49.0450, -11.0623, 4.9204

# Details

The Hex color **748C81** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C747F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A8C2B6**, and **435A50** is the 20% darker color. If you saturate the color by 10%, you get **668C7B**, and if you desaturate by 10%, it is **828C87**.

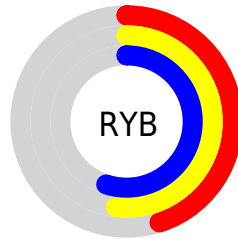
# Distribution



Red (45%)

Green (55%)

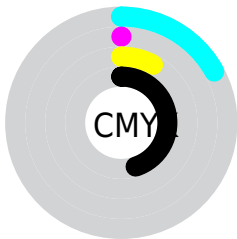
Blue (51%)



Red (45%)

Yellow (52%)

Blue (55%)

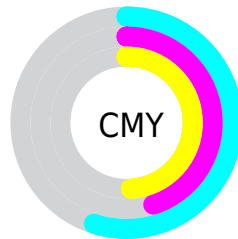


Cyan (17%)

Magenta (0%)

Yellow (8%)

Black (45%)



Cyan (55%)

Magenta (45%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 748C81 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 748C81 by changing the saturation by 10% instead.



 748C81

 748C81

FFFFFF

 5B7268

 A8C2B6

 435A50

 C4DDD1

 2D4239

 E0FAEE

 172C24

 FCFFFF

 00180E

 000000

 748C81

 748C81

 668C7B

 828C87

 588C74

 908C8E

■ 4A8C6E

■ 9E8C94

■ 3C8C67

■ AC8C9B

■ 2E8C61

■ BA8CA1

■ 208C5A

■ C88CA8

■ 128C54

■ D68CAE

■ 048C4E

■ E48CB4

■ 008C4C

■ F28CBB

# Harmonies

## Analogous

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



7E8A78



748C81



6E8C8B

# Triad

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



748C81



828699



9A8179

# Complementary

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



748C81



8C747F

# 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.



9C8082



748C81



8E8395

# Square

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



748C81



768999



97808C



938474

# Rectangle

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



748C81



6E8C91



97808C



9B817C



# Sweetspot

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



748C81



ACB5B1



7F8C74



565C59



DBDBDB



5C5C5C



# Same Dimension

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



748C81



8FB5A4



748B8C



3E4542



008548



000503



# Inverse Universe

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



8C747F



B58FA0



8C7574



453E41



85003D



050002



# Previews

## White Background



This preview shows how the Hex color 748C81 looks on a white background.

## Color Contrast Check

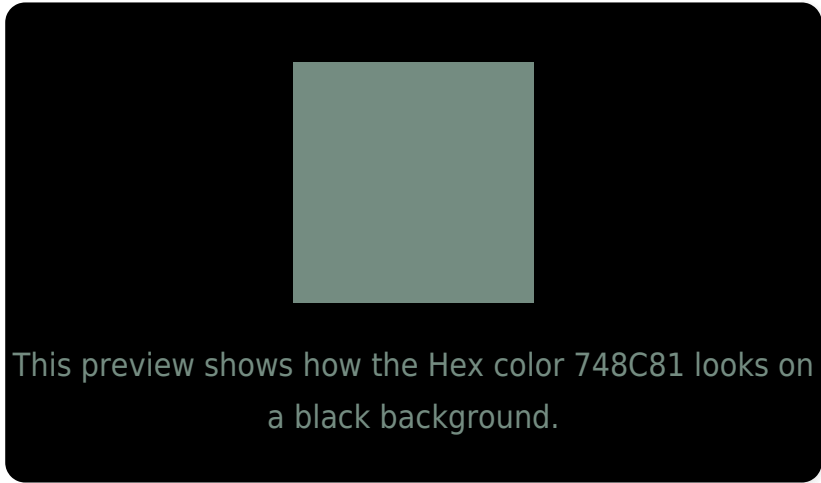
Large Text (above 18pt) WCAG AA ✓ Pass

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

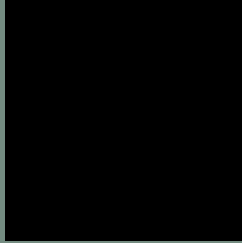
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

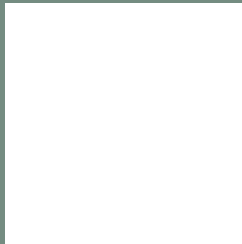
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 748C81 Background



This preview shows how black text looks on a background with the Hex color 748C81.

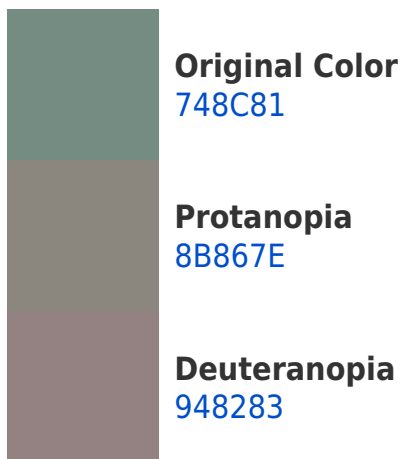


This preview shows how white text looks on a background with the Hex color 748C81.

# 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**  
778994

# Trichromacy



**Original Color**  
748C81

**Protanomaly**  
83887F

**Deuteranomaly**  
888682

**Tritanomaly**  
768A8D

# Monochromacy



**Original Color**  
748C81

**Achromatopsia**  
848484

**Achromatomaly**  
7E8783

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 748C81 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 #748C81 looks like.

```
.text, #text, p{  
    color:#748C81  
}
```

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 #748C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748C81
}
```

## Border

The CSS property to change the border of an element to Hex 748C81 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
#748C81 }
```

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

```
.border{ border-color:#748C81 }
```

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

Here you see how a box with a 4 pixel #748C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748C81; -webkit-box-shadow:4px 4px  
4px 4px #748C81; box-shadow:4px 4px 4px  
4px #748C81 }
```

# Background

The CSS property to change the background color of an element to Hex 748C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748C81 }
```

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

```
.background{ background-color:#748C81 }
```

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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