

# Converting Colors

Hex(748165)

Have a look what the booklet for  
Hex(748165) contains.

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# Color

Hex(748165)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	748165
RGB	116, 129, 101
RGB Percent	45%, 51%, 40%
CMY	0.5451, 0.4941, 0.6039
CMYK	0.10, 0.00, 0.22, 0.49
HSL	88°, 12%, 45%
HSV	88°, 22%, 51%
XYZ	17.4017, 20.3531, 15.3233
YIQ	121.9210, 1.2400, -11.4640

# Conversions

## Conversions Part 2

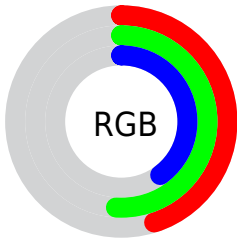
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 129, 114
Decimal	7635301
CIELab	52.23, -10.20, 13.61
CIElCh	52, 17.010, 126.835
Yxy	20.3531, 0.3279, 0.3835
Android (android.graphics.Color)	4285825381 (0xFF748165)
YUV	121.9210, -10.3141, -5.1927
Hunter-Lab	45.1144, -10.0986, 11.4420

# Details

The Hex color **748165** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **726581**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A8B698**, and **445036** is the 20% darker color. If you saturate the color by 10%, you get **6E8158**, and if you desaturate by 10%, it is **7A8172**.

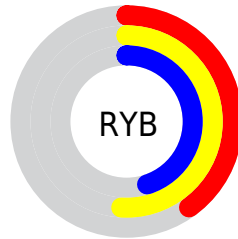
# Distribution



Red (45%)

Green (51%)

Blue (40%)



Red (40%)

Yellow (51%)

Blue (45%)

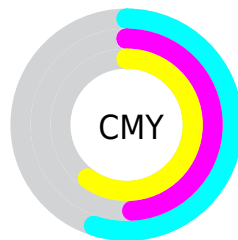


Cyan (10%)

Magenta (0%)

Yellow (22%)

Black (49%)



Cyan (55%)

Magenta (49%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 748165 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 748165 by changing the saturation by 10% instead.



 748165

 748165

FFFFFF

 5B684D

 A8B698

 445036

 C3D1B3

 2D3921

 DFEECE

 18230A

 FCFEB

 000F00

 000000

 748165

 748165

 6E8158

 7A8172

 68814B

 80817F

■ 62813E

■ 86818C

■ 5C8131

■ 8C8199

■ 568125

■ 9281A6

■ 508118

■ 9881B2

■ 4A810B

■ 9E81BF

■ 458100

■ A481CC

■ AA81D9

# Harmonies

## Analogous

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



847D60



748165



648471

# Triad

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



748165



5E8197



9A727A

# Complementary

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



748165



726581

# 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.



927488



748165



707D99

# Square

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



748165



54848D



837894



9A746C

# Rectangle

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



748165



5B857A



837894



98727F



# Sweetspot

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



748165



A3A89D



817265



51544D



D4D4D4



545454



# Same Dimension

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



748165



94A87D



668165



3D4039



448000



000000



# Inverse Universe

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



726581



917DA8



806581



3C3940



3B0080



000000



# Previews

## White Background



This preview shows how the Hex color 748165 looks on a white background.

## Color Contrast Check

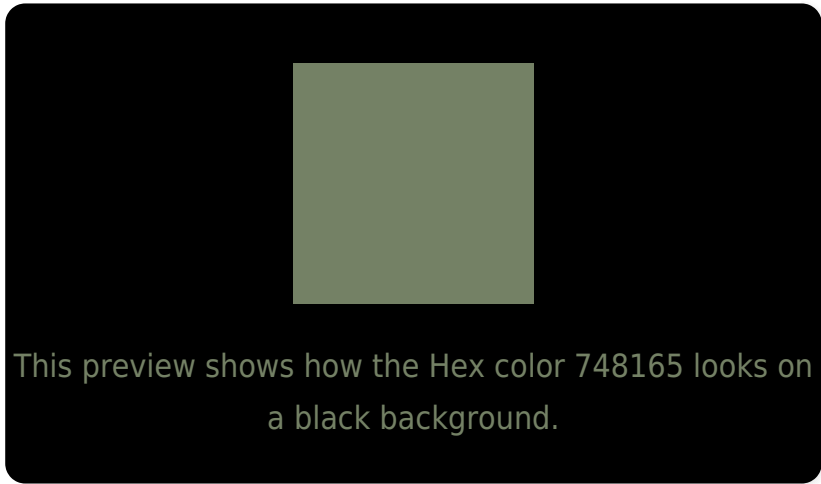
Large Text (above 18pt) WCAG AA ✓ Pass

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

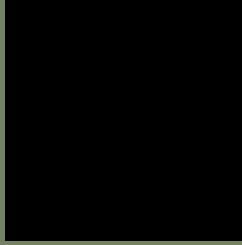
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 748165 Background



This preview shows how black text looks on a background with the Hex color 748165.

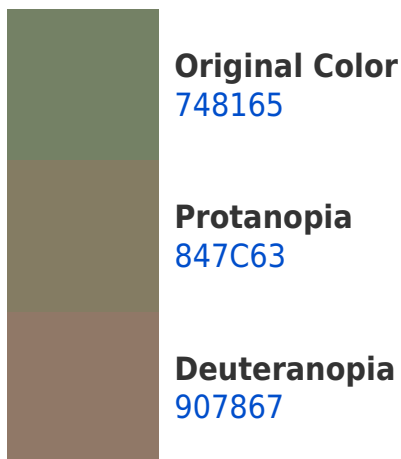


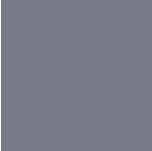
This preview shows how white text looks on a background with the Hex color 748165.

# 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**  
797C86

# Trichromacy



**Original Color**

748165

**Protanomaly**

7E7E64

**Deuteranomaly**

867B66

**Tritanomaly**

777E7A

# Monochromacy



**Original Color**

748165

**Achromatopsia**

7A7A7A

**Achromatomaly**

787D72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 748165 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 #748165 looks like.

```
.text, #text, p{  
    color:#748165  
}
```

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 #748165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748165
}
```

## Border

The CSS property to change the border of an element to Hex 748165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

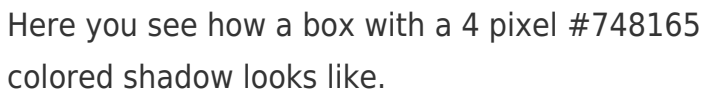
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#748165 }
```

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

```
.border{ border-color:#748165 }
```

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



Here you see how a box with a 4 pixel #748165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748165; -webkit-box-shadow:4px 4px  
4px 4px #748165; box-shadow:4px 4px 4px  
4px #748165 }
```

# Background

The CSS property to change the background color of an element to Hex 748165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748165 }
```

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

```
.background{ background-color:#748165 }
```

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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