

# Converting Colors

Hex(748786)

Have a look what the booklet for  
Hex(748786) contains.

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# Color

Hex(748786)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	748786
RGB	116, 135, 134
RGB Percent	45%, 53%, 53%
CMY	0.5451, 0.4706, 0.4745
CMYK	0.14, 0.00, 0.01, 0.47
HSL	177°, 8%, 49%
HSV	177°, 14%, 53%
XYZ	20.1695, 22.7622, 25.8847
YIQ	129.2050, -11.0030, -4.3390

# Conversions

## Conversions Part 2

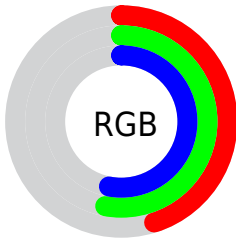
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 126, 135
Decimal	7636870
CIELab	54.83, -7.05, -1.78
CIElCh	55, 7.275, 194.174
Yxy	22.7622, 0.2931, 0.3308
Android (android.graphics.Color)	4285826950 (0xFF748786)
YUV	129.2050, 2.3639, -11.5808
Hunter-Lab	47.7097, -8.0303, 1.2292

# Details

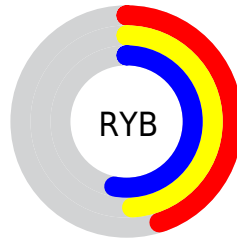
The Hex color **748786** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **877475**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A8BCBB**, and **445554** is the 20% darker color. If you saturate the color by 10%, you get **678785**, and if you desaturate by 10%, it is **828787**.

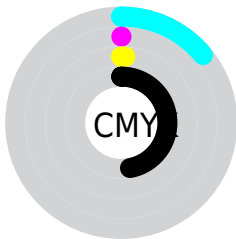
# Distribution



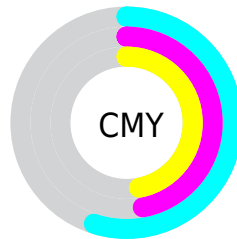
- Red (45%)
- Green (53%)
- Blue (53%)



- Red (45%)
- Yellow (49%)
- Blue (53%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (55%)
- Magenta (47%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 748786 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 748786 by changing the saturation by 10% instead.



■ 748786

■ 748786

FFFFFF

■ 5B6E6D

■ A8BCBB

■ 445554

■ C3D8D7

■ 2D3E3D

■ DFF4F3

■ 182828

■ FCFFFF

■ 001413

■ 000000

■ 748786

■ 748786

■ 678785

■ 828787

■ 598785

■ 8F8787

4C8784

9C8788

3E8783

AA8789

318782

B8878A

238782

C5878A

158781

D3878B

088780

E0878C

008780

ED878C

# Harmonies

## Analogous

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



788780



748786



74868C

# Triad

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



748786



88818C



8C8277

# Complementary

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



748786



877475

# 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.



90807B



748786



8E7F87

# Square

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



748786



80838F



917F80



858477

# Rectangle

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



748786



77858E



917F80



8E8178



# Sweetspot

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



748786



A9B0B0



758774



555959



D9D9D9



595959



# Same Dimension

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



748786



92B0AE



747F87



3C4242



00827B



000302



# Inverse Universe

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



877475



B09294



877C74



423C3C



820007



030000



# Previews

## White Background



This preview shows how the Hex color 748786 looks on a white background.

## Color Contrast Check

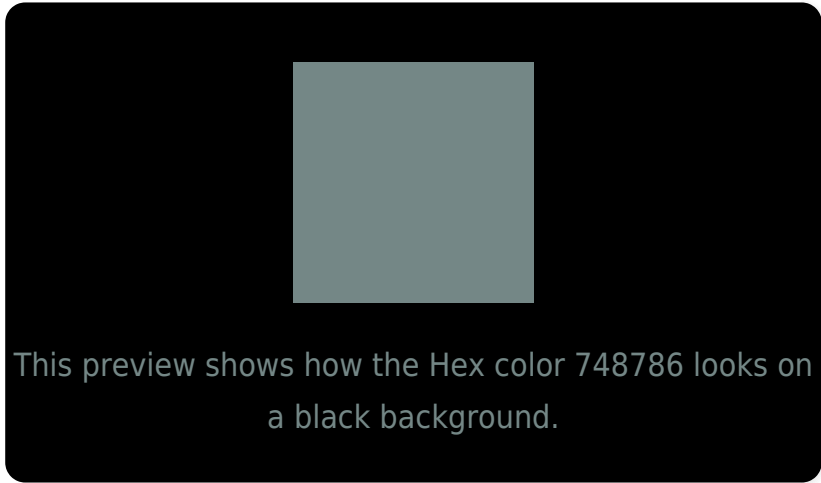
Large Text (above 18pt) WCAG AA ✓ Pass

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

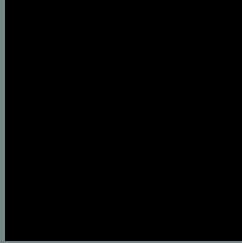
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

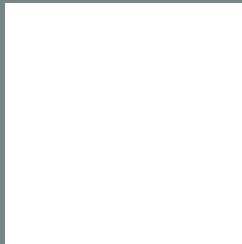
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 748786 Background



This preview shows how black text looks on a background with the Hex color 748786.

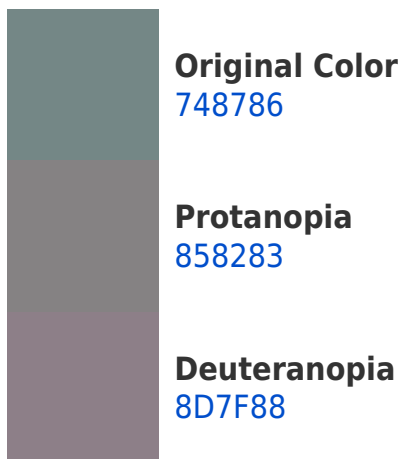


This preview shows how white text looks on a background with the Hex color 748786.

# 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](#).

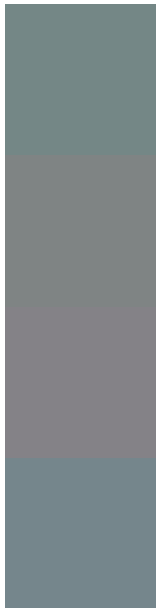
## Dichromacy





**Tritanopia**  
768590

# Trichromacy



**Original Color**

748786

**Protanomaly**

7F8484

**Deuteranomaly**

848287

**Tritanomaly**

75868C

# Monochromacy



**Original Color**

748786

**Achromatopsia**

818181

**Achromatomaly**

7C8383

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 748786 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 #748786 looks like.

```
.text, #text, p{  
    color:#748786  
}
```

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 #748786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748786
}
```

## Border

The CSS property to change the border of an element to Hex 748786 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
#748786 }
```

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

```
.border{ border-color:#748786 }
```

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

Here you see how a box with a 4 pixel #748786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748786; -webkit-box-shadow:4px 4px  
4px 4px #748786; box-shadow:4px 4px 4px  
4px #748786 }
```

# Background

The CSS property to change the background color of an element to Hex 748786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748786 }
```

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

```
.background{ background-color:#748786 }
```

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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