

# Converting Colors

Hex(697B7A)

Have a look what the booklet for  
Hex(697B7A) contains.

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# Color

Hex(697B7A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	697B7A
RGB	105, 123, 122
RGB Percent	41%, 48%, 48%
CMY	0.5882, 0.5176, 0.5216
CMYK	0.15, 0.00, 0.01, 0.52
HSL	177°, 8%, 45%
HSV	177°, 15%, 48%
XYZ	16.4215, 18.5743, 21.1320
YIQ	117.5040, -10.4070, -4.1270

# Conversions

## Conversions Part 2

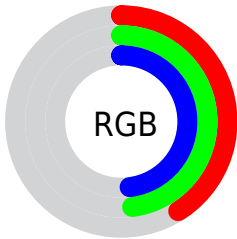
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 114, 123
Decimal	6912890
CIE Lab	50.19, -6.80, -1.68
CIE LCh	50, 7.006, 193.894
Yxy	18.5743, 0.2926, 0.3309
Android (android.graphics.Color)	4285102970 (0xFF697B7A)
YUV	117.5040, 2.2165, -10.9660
Hunter-Lab	43.0979, -7.4079, 1.0971

# Details

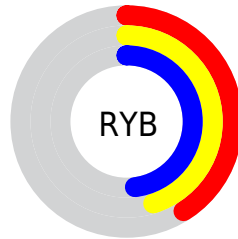
The Hex color **697B7A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B696A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9CAFAE**, and **3A4A49** is the 20% darker color. If you saturate the color by 10%, you get **5D7B79**, and if you desaturate by 10%, it is **757B7B**.

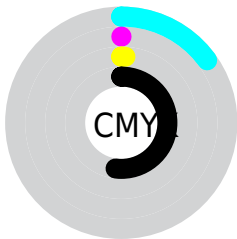
# Distribution



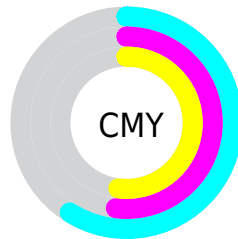
- Red (41%)
- Green (48%)
- Blue (48%)



- Red (41%)
- Yellow (45%)
- Blue (48%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (52%)



- Cyan (59%)
- Magenta (52%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 697B7A 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 697B7A by changing the saturation by 10% instead.





697B7A



697B7A

FFFFFF



516261



9CAFAE



3A4A49



B7CBCA



243433



D3E7E6



0F1F1E



FFFFFF



000105



000000



697B7A



697B7A



5D7B79



757B7B



507B79



827B7B

447B78

8E7B7C

387B77

9A7B7D

2C7B77

A67B7D

1F7B76

B37B7E

137B75

BF7B7F

077B75

CB7B7F

007B74

D87B80

# Harmonies

## Analogous

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



6C7B74



697B7A



697A7F

# Triad

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



697B7A



7C7580



80766C

# Complementary

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



697B7A



7B696A

# 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.



84746F



697B7A



82747B

# Square

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



697B7A



757783



847375



79786C

# Rectangle

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



697B7A



6C7982



847375



81756D



# Sweetspot

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



697B7A



9AA1A0



6A7B69



4E5251



D1D1D1



525252



# Same Dimension

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



697B7A



84A19F



69737B



373D3D



007D76



00FCEE



# Inverse Universe

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



7B696A



A18485



7B7169



3D3737



7D0007



FC000E



# Previews

## White Background



This preview shows how the Hex color 697B7A looks on a white background.

## Color Contrast Check

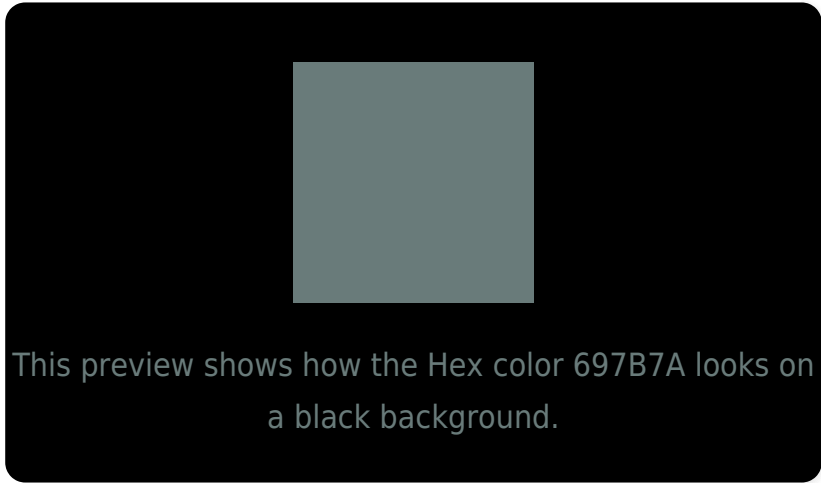
Large Text (above 18pt) WCAG AA ✓ Pass

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

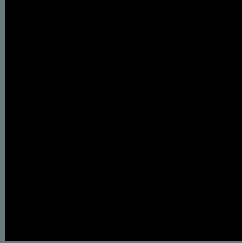
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

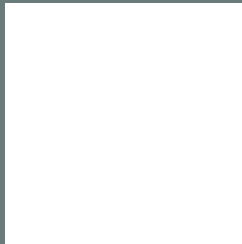
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 697B7A Background



This preview shows how black text looks on a background with the Hex color 697B7A.



This preview shows how white text looks on a background with the Hex color 697B7A.

# 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](#).

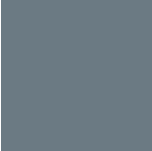
## Dichromacy



**Original Color**  
697B7A

**Protanopia**  
797777

**Deuteranopia**  
81747C



**Tritanopia**  
6B7A83

# Trichromacy



**Original Color**  
697B7A

**Protanomaly**  
737878

**Deuteranomaly**  
78777B

**Tritanomaly**  
6A7A80

# Monochromacy



**Original Color**  
697B7A

**Achromatopsia**  
767676

**Achromatomaly**  
717877

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 697B7A 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 #697B7A looks like.

```
.text, #text, p{  
    color:#697B7A  
}
```

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 #697B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #697B7A
}
```

## Border

The CSS property to change the border of an element to Hex 697B7A 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
#697B7A }
```

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

```
.border{ border-color:#697B7A }
```

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

Here you see how a box with a 4 pixel #697B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #697B7A; -webkit-box-shadow:4px 4px  
4px 4px #697B7A; box-shadow:4px 4px 4px  
4px #697B7A }
```

# Background

The CSS property to change the background color of an element to Hex 697B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#697B7A }
```

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

```
.background{ background-color:#697B7A }
```

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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