

# Converting Colors

Hex(7A696A)

Have a look what the booklet for  
Hex(7A696A) contains.

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**Color**

**Hex(7A696A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A696A
RGB	122, 105, 106
RGB Percent	48%, 41%, 42%
CMY	0.5216, 0.5882, 0.5843
CMYK	0.00, 0.14, 0.13, 0.52
HSL	356°, 7%, 45%
HSV	356°, 14%, 48%
XYZ	15.6791, 15.2813, 15.7589
YIQ	110.1970, 9.8110, 3.9150

# Conversions

## Conversions Part 2

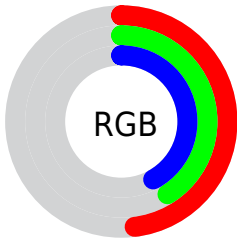
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 105, 106
Decimal	8022378
CIE <sub>Lab</sub>	46.02, 6.90, 1.92
CIE <sub>LCh</sub>	46, 7.166, 15.534
Yxy	15.2813, 0.3356, 0.3271
Android (android.graphics.Color)	4286212458 (0xFF7A696A)
YUV	110.1970, -2.0691, 10.3512
Hunter-Lab	39.0913, 3.1846, 3.4624

# Details

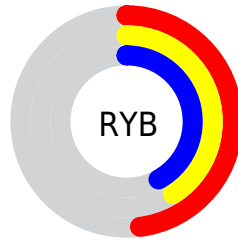
The Hex color **7A696A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **697A79**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AF9C9D**, and **493A3B** is the 20% darker color. If you saturate the color by 10%, you get **7A5D5F**, and if you desaturate by 10%, it is **7A7575**.

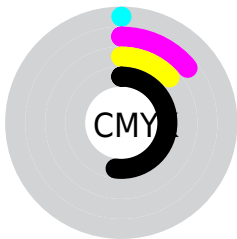
# Distribution



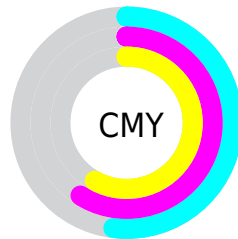
- Red (48%)
- Green (41%)
- Blue (42%)



- Red (48%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A696A 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 7A696A by changing the saturation by 10% instead.





7A696A



7A696A

FFFFFF



615152



AF9C9D



493A3B



CAB7B8



322425



E6D3D4



1E0F10



FFEFF0



000000



7A696A



7A696A



7A5D5F



7A7575



7A5153



7A8181



7A4448



7A8E8C

 7A383C

 7A9A98

 7A2C31

 7AA6A3

 7A2025

 7AB2AF

 7A141A

 7ABEBA

 7A070E

 7ACBC6

 7A0007

 7AD7D1

# Harmonies

## Analogous

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



786970



7A696A



796A65

# Triad

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



7A696A



686F64



646E78

# Complementary

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



7A696A



697A79

# 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.



5F7075



7A696A



62706A

# Square

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



7A696A



6F6E61



5E7170



6B6C78

# Rectangle

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



7A696A



776B62



5E7170



626F78



# Sweetspot

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



7A696A



9E9898



79697A



4F4B4B



CFCFCF



4F4F4F



# Same Dimension

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



7A696A



9E8385



7A7069



3D3737



7D0007



FC000F



# Inverse Universe

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



7A696A



9E8385



69737A



3D3737



7D0007



FC000F



# Previews

## White Background



This preview shows how the Hex color 7A696A looks on a white background.

## Color Contrast Check

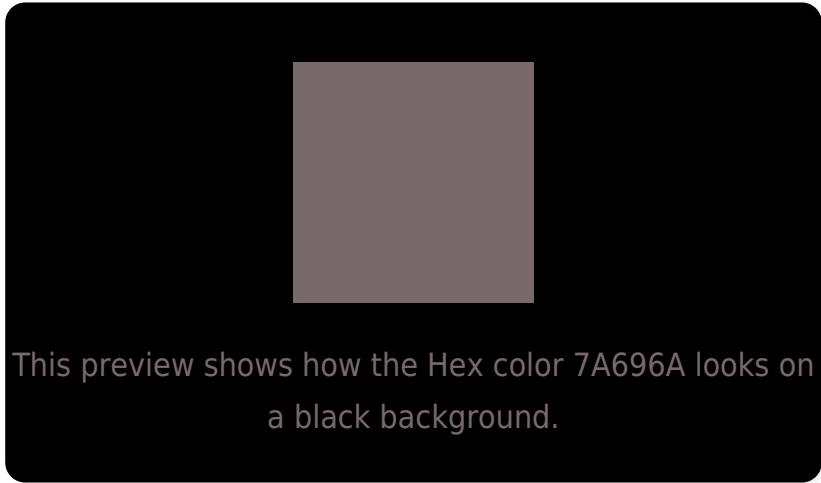
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

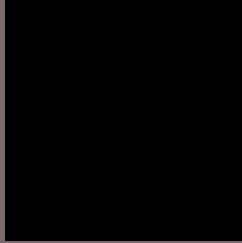
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A696A Background



This preview shows how black text looks on a background with the Hex color 7A696A.



This preview shows how white text looks on a background with the Hex color 7A696A.

# 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**

7A696A

**Protanopia**

6F6D6C

**Deuteranopia**

79696A



**Tritanopia**  
7B6870

# Trichromacy



**Original Color**

7A696A

**Protanomaly**

736C6B

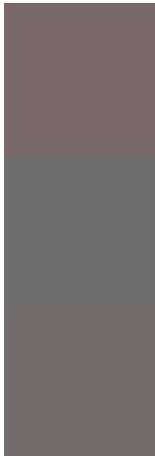
**Deuteranomaly**

79696A

**Tritanomaly**

7B686E

# Monochromacy



**Original Color**

7A696A

**Achromatopsia**

6E6E6E

**Achromatomaly**

726C6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A696A 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 #7A696A looks like.

```
.text, #text, p{  
    color:#7A696A  
}
```

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 #7A696A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A696A
}
```

## Border

The CSS property to change the border of an element to Hex 7A696A is called "border". The border property can be set on classes, ids or directly on the HTML element.

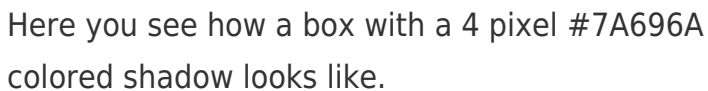
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A696A }
```

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

```
.border{ border-color:#7A696A }
```

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



Here you see how a box with a 4 pixel #7A696A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A696A; -webkit-box-shadow:4px 4px  
4px 4px #7A696A; box-shadow:4px 4px 4px  
4px #7A696A }
```

# Background

The CSS property to change the background color of an element to Hex 7A696A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A696A }
```

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

```
.background{ background-color:#7A696A }
```

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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