

# Converting Colors

Hex(7A627A)

Have a look what the booklet for  
Hex(7A627A) contains.

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**Color**

**Hex(7A627A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A627A
RGB	122, 98, 122
RGB Percent	48%, 38%, 48%
CMY	0.5216, 0.6157, 0.5216
CMYK	0.00, 0.20, 0.00, 0.52
HSL	300°, 11%, 43%
HSV	300°, 20%, 48%
XYZ	15.9066, 14.2781, 20.3299
YIQ	107.9120, 6.6000, 12.5520

# Conversions

## Conversions Part 2

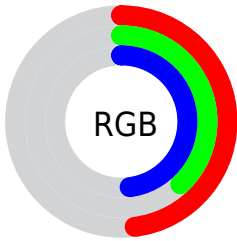
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 98, 122
Decimal	8020602
CIE <sub>Lab</sub>	44.63, 14.21, -9.78
CIE <sub>LCh</sub>	45, 17.246, 325.461
Yxy	14.2781, 0.3149, 0.2827
Android (android.graphics.Color)	4286210682 (0xFF7A627A)
YUV	107.9120, 6.9454, 12.3552
Hunter-Lab	37.7863, 9.0154, -5.4490

# Details

The Hex color **7A627A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **627A62**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AF95AE**, and **493349** is the 20% darker color. If you saturate the color by 10%, you get **7A567A**, and if you desaturate by 10%, it is **7A6E7A**.

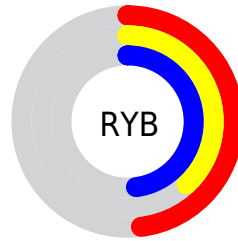
# Distribution



Red (48%)

Green (38%)

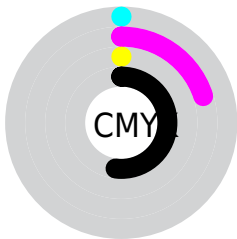
Blue (48%)



Red (48%)

Yellow (38%)

Blue (48%)

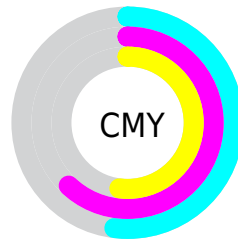


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (62%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A627A 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 7A627A by changing the saturation by 10% instead.





7A627A



7A627A

FFFFFF



614A61



AF95AE



493349



CAB0CA



321E33



E6CBE6



1E071E



FFE7FF



000001



000000



7A627A



7A627A



7A567A



7A6E7A



7A4A7A



7A7A7A

 7A3D7A

 7A877A

 7A317A

 7A937A

 7A257A

 7A9F7A

 7A197A

 7AAB7A

 7A0D7A

 7AB77A

 7A007A

 7AC47A

 7AD07A

# Harmonies

## Analogous

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



696783



7A627A



845F6C

# Triad

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



7A627A



76684D



407175

# Complementary

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



7A627A



627A62

# 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.



487267



7A627A



676C4F

# Square

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



7A627A



826352



577059



456F81

# Rectangle

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



7A627A



875F63



577059



417271



# Sweetspot

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



7A627A



9E959E



62627A



4F4A4F



CFCFCF



4F4F4F



# Same Dimension

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



7A627A



9E789E



7A626E



3D373D



7D007D



FC00FC



# Inverse Universe

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



7A627A



9E789E



627A6E



3D373D



7D007D

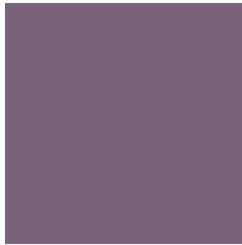


FC00FC



# Previews

## White Background



This preview shows how the Hex color 7A627A looks on a white background.

## Color Contrast Check

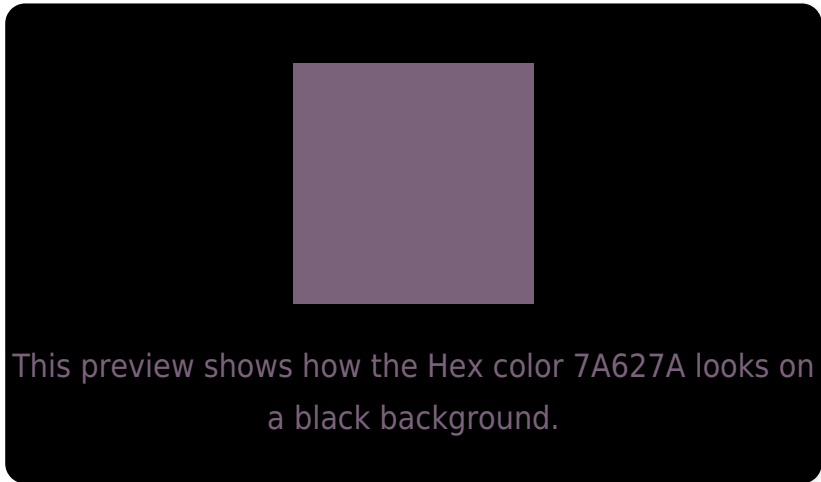
Large Text (above 18pt) WCAG AA ✓ Pass

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

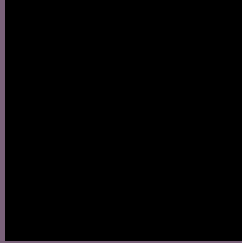
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A627A Background



This preview shows how black text looks on a background with the Hex color 7A627A.



This preview shows how white text looks on a background with the Hex color 7A627A.

# 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**  
7A627A

**Protanopia**  
65697F

**Deuteranopia**  
6D6779



**Tritanopia**  
78646C

# Trichromacy



**Original Color**  
7A627A

**Protanomaly**  
6D667D

**Deuteranomaly**  
726579

**Tritanomaly**  
796371

# Monochromacy



**Original Color**  
7A627A

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
716871

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A627A 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 #7A627A looks like.

```
.text, #text, p{  
    color:#7A627A  
}
```

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 #7A627A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A627A
}
```

## Border

The CSS property to change the border of an element to Hex 7A627A is called "border". The border property can be set on classes, ids or directly on the HTML element.

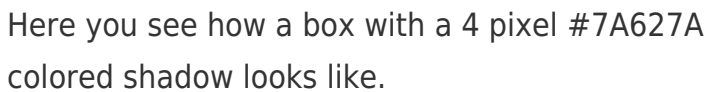
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A627A }
```

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

```
.border{ border-color:#7A627A }
```

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



Here you see how a box with a 4 pixel #7A627A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A627A; -webkit-box-shadow:4px 4px  
4px 4px #7A627A; box-shadow:4px 4px 4px  
4px #7A627A }
```

# Background

The CSS property to change the background color of an element to Hex 7A627A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A627A }
```

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

```
.background{ background-color:#7A627A }
```

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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