

# Converting Colors

Hex(627A76)

Have a look what the booklet for  
Hex(627A76) contains.

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# Color

Hex(627A76)

# Conversions

## Conversions Part 1

Format	Color
Hex	627A76
RGB	98, 122, 118
RGB Percent	38%, 48%, 46%
CMY	0.6157, 0.5216, 0.5373
CMYK	0.20, 0.00, 0.03, 0.52
HSL	170°, 11%, 43%
HSV	170°, 20%, 48%
XYZ	15.2666, 17.8237, 19.7752
YIQ	114.3680, -13.0200, -6.3320

# Conversions

## Conversions Part 2

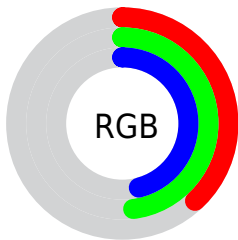
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 111, 122
Decimal	6453878
CIE <sub>Lab</sub>	49.28, -9.59, -0.71
CIE <sub>LCh</sub>	49, 9.620, 184.217
Yxy	17.8237, 0.2888, 0.3372
Android (android.graphics.Color)	4284643958 (0xFF627A76)
YUV	114.3680, 1.7906, -14.3547
Hunter-Lab	42.2182, -9.3343, 1.7809

# Details

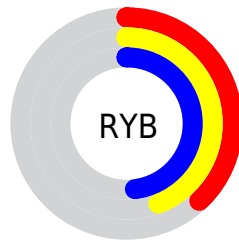
The Hex color **627A76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6266**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **95AEAA**, and **334946** is the 20% darker color. If you saturate the color by 10%, you get **567A74**, and if you desaturate by 10%, it is **6E7A78**.

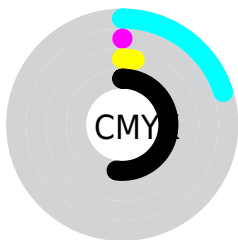
# Distribution



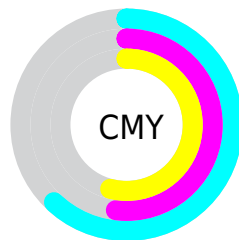
- Red (38%)
- Green (48%)
- Blue (46%)



- Red (38%)
- Yellow (44%)
- Blue (48%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (52%)



- Cyan (62%)
- Magenta (52%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627A76 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 627A76 by changing the saturation by 10% instead.



627A76

627A76

FFFFFF

4A615D

95AEAA

334946

B0CAC5

1D3330

CBE6E1

071E1B

E8FFFE

000000

627A76

627A76

567A74

6E7A78

4A7A72

7A7A7A

3D7A70

877A7C

■ 317A6E

■ 937A7E

■ 257A6C

■ 9F7A80

■ 197A6A

■ AB7A82

■ 0D7A68

■ B77A84

■ 007A66

■ C47A86

■ D07A88

# Harmonies

## Analogous

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



68796E



627A76



617A7E

# Triad

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



627A76



787383



827267

# Complementary

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



627A76



7A6266

# 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.



86706C



627A76



81707C

# Square

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



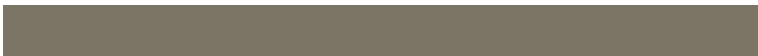
627A76



6E7585



867074



7B7565

# Rectangle

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



627A76



637982



867074



847168



# Sweetspot

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



627A76



959E9D



667A62



4A4F4E



CFCFCF



4F4F4F



# Same Dimension

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



627A76



789E98



62727A



373D3C



007D68



00FCD2



# Inverse Universe

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



7A6266



9E787E



7A6A62



3D3738



7D0015



FC002A



# Previews

## White Background



This preview shows how the Hex color 627A76 looks on a white background.

## Color Contrast Check

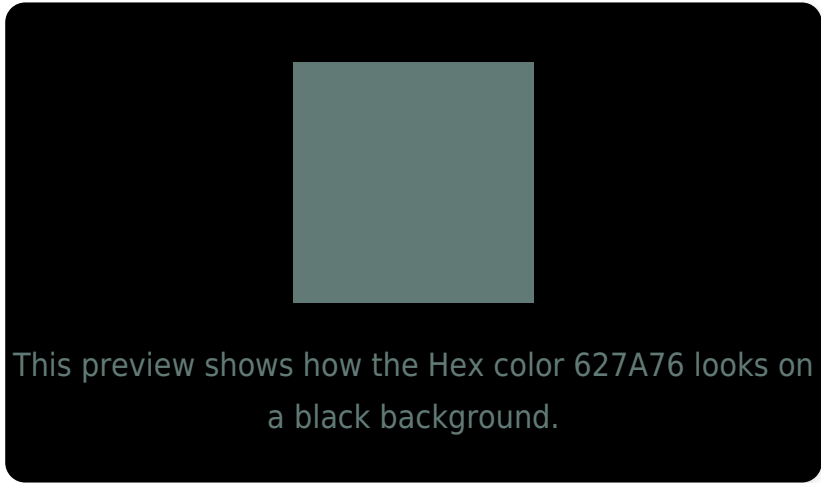
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

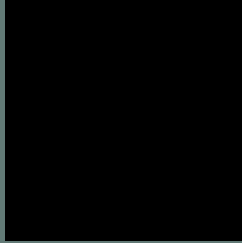
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

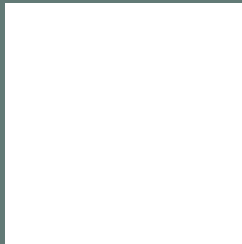
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 627A76 Background



This preview shows how black text looks on a background with the Hex color 627A76.

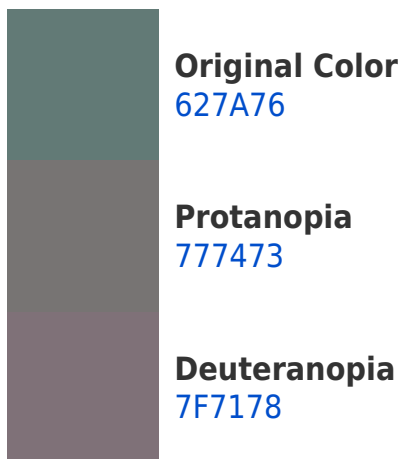


This preview shows how white text looks on a background with the Hex color 627A76.

# 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](#).

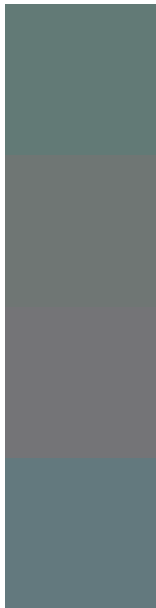
## Dichromacy





**Tritanopia**  
647882

# Trichromacy



**Original Color**

627A76

**Protanomaly**

6F7674

**Deuteranomaly**

747477

**Tritanomaly**

63797E

# Monochromacy



**Original Color**

627A76

**Achromatopsia**

727272

**Achromatomaly**

6C7573

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627A76 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 #627A76 looks like.

```
.text, #text, p{  
    color:#627A76  
}
```

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 #627A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627A76
}
```

## Border

The CSS property to change the border of an element to Hex 627A76 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".

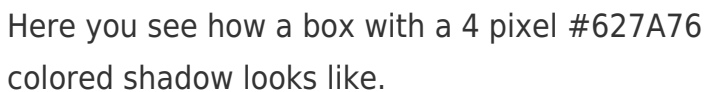
```
.border, #border, table{ border:4px solid
#627A76 }
```

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

```
.border{ border-color:#627A76 }
```

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

Here you see how a box with a 4 pixel #627A76 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627A76; -webkit-box-shadow:4px 4px  
4px 4px #627A76; box-shadow:4px 4px 4px  
4px #627A76 }
```

# Background

The CSS property to change the background color of an element to Hex 627A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627A76 }
```

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

```
.background{ background-color:#627A76 }
```

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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