

# Converting Colors

Hex(627673)

Have a look what the booklet for  
Hex(627673) contains.

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# Color

Hex(627673)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	627673
RGB	98, 118, 115
RGB Percent	38%, 46%, 45%
CMY	0.6157, 0.5373, 0.5490
CMYK	0.17, 0.00, 0.03, 0.54
HSL	171°, 9%, 42%
HSV	171°, 17%, 46%
XYZ	14.6099, 16.7913, 18.6907
YIQ	111.6780, -10.9570, -5.1730

# Conversions

## Conversions Part 2

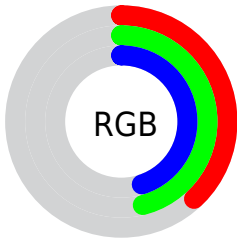
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 109, 118
Decimal	6452851
CIE Lab	48.00, -8.01, -0.81
CIE LCh	48, 8.048, 185.807
Yxy	16.7913, 0.2917, 0.3352
Android (android.graphics.Color)	4284642931 (0xFF627673)
YUV	111.6780, 1.6377, -11.9956
Hunter-Lab	40.9772, -8.0681, 1.6405

# Details

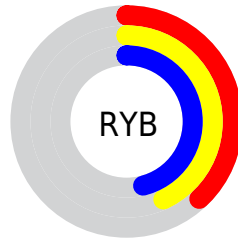
The Hex color **627673** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766265**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **95AAA7**, and **334643** is the 20% darker color. If you saturate the color by 10%, you get **567671**, and if you desaturate by 10%, it is **6E7675**.

# Distribution



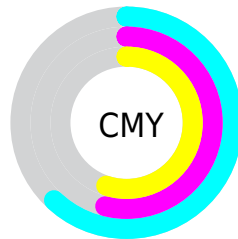
- Red (38%)
- Green (46%)
- Blue (45%)



- Red (38%)
- Yellow (43%)
- Blue (46%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627673 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 627673 by changing the saturation by 10% instead.



627673

627673

FFFFFF

4A5D5A

95AAA7

334643

B0C5C2

1D2F2D

CBE1DE

071B18

E7FEFA

000000

627673

627673

567671

6E7675

4A766F

7A7677

3F766E

857678

■ 33766C

■ 91767A

■ 27766A

■ 9D767C

■ 1B7668

■ A9767E

■ 0F7667

■ B5767F

■ 047665

■ C07681

■ 007664

■ CC7683

# Harmonies

## Analogous

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



67756C



627673



61767A

# Triad

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



627673



75707D



7D7066

# Complementary

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



627673



766265

# 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.



806E6A



627673



7C6E78

# Square

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



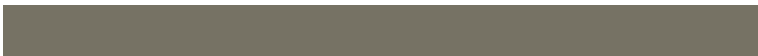
627673



6C727F



806D71



767264

# Rectangle

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



627673



63757D



806D71



7E6F67



# Sweetspot

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



627673



919998



657662



484D4C



CCCCCC



4D4D4D



# Same Dimension

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



627673



7A9994



626F76



353B3A



007A68



00FAD4



# Inverse Universe

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



766265



997A7F



766962



3B3536



7A0012



FA0025



# Previews

## White Background



This preview shows how the Hex color 627673 looks on a white background.

## Color Contrast Check

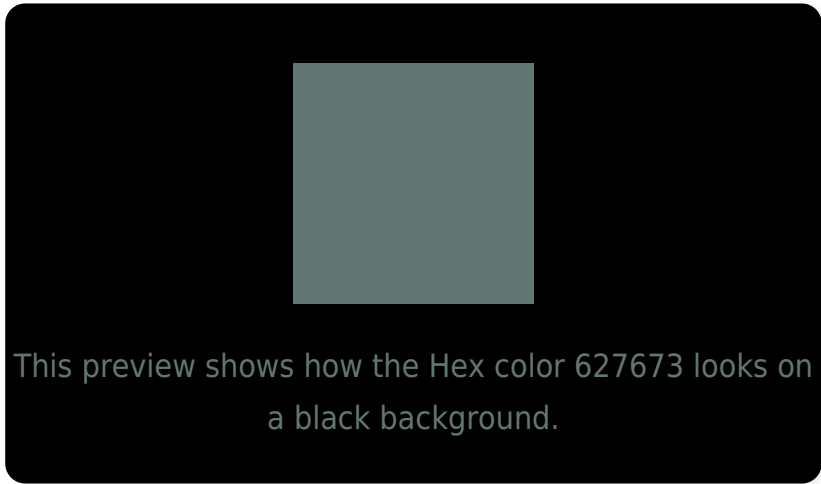
Large Text (above 18pt) WCAG AA ✓ Pass

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

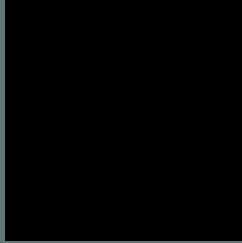
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

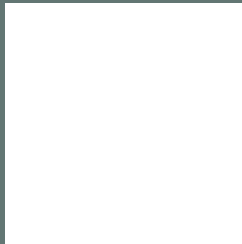
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 627673 Background



This preview shows how black text looks on a background with the Hex color 627673.



This preview shows how white text looks on a background with the Hex color 627673.

# 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**  
627673

**Protanopia**  
747170

**Deuteranopia**  
7B6E75



**Tritanopia**  
64747E

# Trichromacy



**Original Color**  
627673

**Protanomaly**  
6D7371

**Deuteranomaly**  
727174

**Tritanomaly**  
63757A

# Monochromacy



**Original Color**  
627673

**Achromatopsia**  
707070

**Achromatomaly**  
6B7271

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627673 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 #627673 looks like.

```
.text, #text, p{  
  color:#627673  
}
```

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 #627673 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627673
}
```

## Border

The CSS property to change the border of an element to Hex 627673 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
#627673 }
```

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

```
.border{ border-color:#627673 }
```

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

Here you see how a box with a 4 pixel #627673 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627673; -webkit-box-shadow:4px 4px  
4px 4px #627673; box-shadow:4px 4px 4px  
4px #627673 }
```

# Background

The CSS property to change the background color of an element to Hex 627673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627673 }
```

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

```
.background{ background-color:#627673 }
```

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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