

# Converting Colors

Hex(82627E)

Have a look what the booklet for  
Hex(82627E) contains.

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# Color

**Hex(82627E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82627E
RGB	130, 98, 126
RGB Percent	51%, 38%, 49%
CMY	0.4902, 0.6157, 0.5059
CMYK	0.00, 0.25, 0.03, 0.49
HSL	308°, 14%, 45%
HSV	308°, 25%, 51%
XYZ	17.3395, 14.9875, 21.7177
YIQ	110.7600, 10.0840, 15.4920

# Conversions

## Conversions Part 2

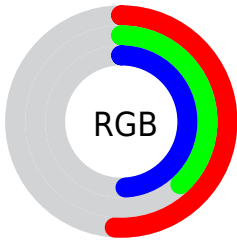
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 98, 126
Decimal	8544894
CIE <sub>Lab</sub>	45.62, 17.98, -10.62
CIE <sub>LCh</sub>	46, 20.886, 329.441
Yxy	14.9875, 0.3208, 0.2773
Android (android.graphics.Color)	4286734974 (0xFF82627E)
YUV	110.7600, 7.5133, 16.8735
Hunter-Lab	38.7138, 12.1993, -6.1609

# Details

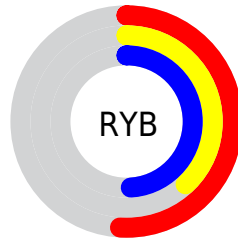
The Hex color **82627E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **628266**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B795B3**, and **50334D** is the 20% darker color. If you saturate the color by 10%, you get **82557C**, and if you desaturate by 10%, it is **826F80**.

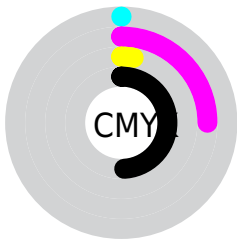
# Distribution



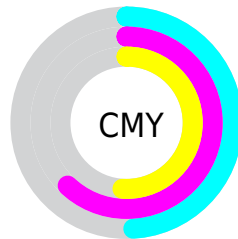
- Red (51%)
- Green (38%)
- Blue (49%)



- Red (51%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (3%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82627E 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 82627E by changing the saturation by 10% instead.



82627E

82627E

FFFFFF

694A65

B795B3

50334D

D3B0CE

391D36

F0CBEA

230721

FFE7FF

000007

000000

82627E

82627E

82557C

826F80

82487B

827C81

823B79

828983

822E78

829684

822176

82A386

821474

82B088

820773

82BD89

820072

82CA8B

82D78D

# Harmonies

## Analogous

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



6E688A



82627E



8D5F6D

# Triad

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



82627E



796B49



35757D

# Complementary

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



82627E



628266

# 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.



3F766B



82627E



66704D

# Square

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



82627E



87654F



52745A



3E728A

# Rectangle

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



82627E



8F5F61



52745A



377677



# Sweetspot

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



82627E



A89DA7



666282



544D53



D4D4D4



545454



# Same Dimension

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



82627E



A876A2



82626E



40393F



800070



000000



# Inverse Universe

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



82627E



A876A2



628276



40393F



800070

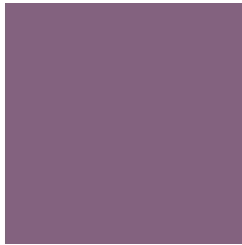


000000



# Previews

## White Background



This preview shows how the Hex color 82627E looks on a white background.

## Color Contrast Check

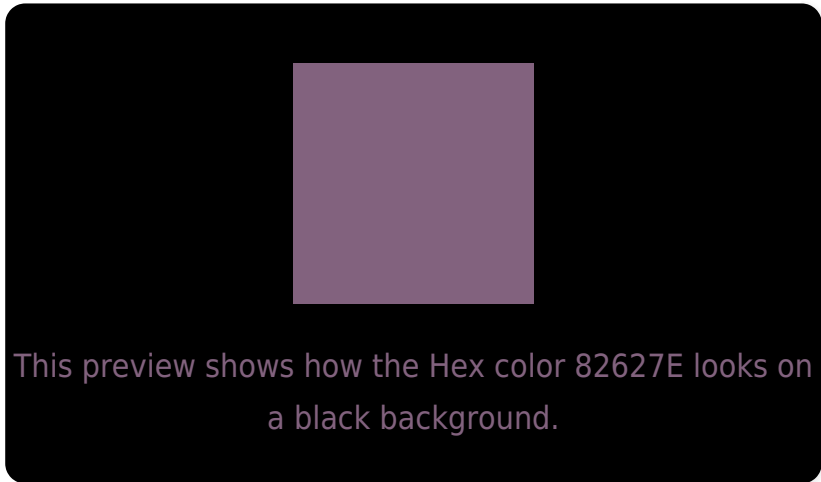
Large Text (above 18pt) WCAG AA ✓ Pass

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

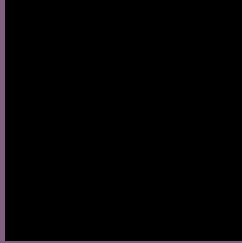
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 82627E Background



This preview shows how black text looks on a background with the Hex color 82627E.



This preview shows how white text looks on a background with the Hex color 82627E.

# 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**  
82627E

**Protanopia**  
676B84

**Deuteranopia**  
6F6A7D



**Tritanopia**  
80656D

# Trichromacy



**Original Color**  
82627E

**Protanomaly**  
716882

**Deuteranomaly**  
76677D

**Tritanomaly**  
816473

# Monochromacy



**Original Color**  
82627E

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
766A74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82627E 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 #82627E looks like.

```
.text, #text, p{  
    color:#82627E  
}
```

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 #82627E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82627E
}
```

## Border

The CSS property to change the border of an element to Hex 82627E is called "border". The border property can be set on classes, ids or directly on the HTML element.

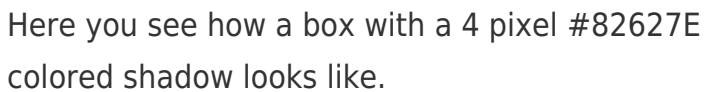
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82627E }
```

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

```
.border{ border-color:#82627E }
```

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



Here you see how a box with a 4 pixel #82627E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82627E; -webkit-box-shadow:4px 4px  
4px 4px #82627E; box-shadow:4px 4px 4px  
4px #82627E }
```

# Background

The CSS property to change the background color of an element to Hex 82627E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82627E }
```

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

```
.background{ background-color:#82627E }
```

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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