

# Converting Colors

Hex(727E8D)

Have a look what the booklet for  
Hex(727E8D) contains.

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# Color

Hex(727E8D)

# Conversions

## Conversions Part 1

Format	Color
Hex	727E8D
RGB	114, 126, 141
RGB Percent	45%, 49%, 55%
CMY	0.5529, 0.5059, 0.4471
CMYK	0.19, 0.11, 0.00, 0.45
HSL	213°, 11%, 50%
HSV	213°, 19%, 55%
XYZ	19.2080, 20.4222, 28.1288
YIQ	124.1220, -11.9670, 2.1210

# Conversions

## Conversions Part 2

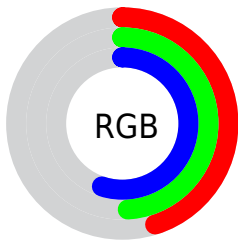
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 122, 141
Decimal	7503501
CIE <sub>Lab</sub>	52.31, -1.03, -9.60
CIE <sub>LCh</sub>	52, 9.655, 263.885
Yxy	20.4222, 0.2835, 0.3014
Android (android.graphics.Color)	4285693581 (0xFF727E8D)
YUV	124.1220, 8.3209, -8.8770
Hunter-Lab	45.1909, -3.2143, -5.2710

# Details

The Hex color **727E8D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8D8172**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A6B3C3**, and **424D5B** is the 20% darker color. If you saturate the color by 10%, you get **64768D**, and if you desaturate by 10%, it is **80868D**.

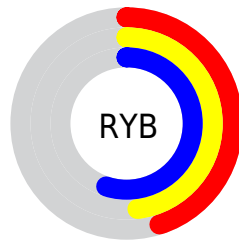
# Distribution



Red (45%)

Green (49%)

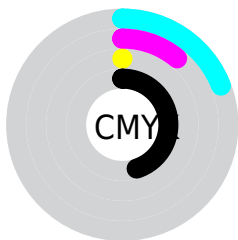
Blue (55%)



Red (45%)

Yellow (48%)

Blue (55%)

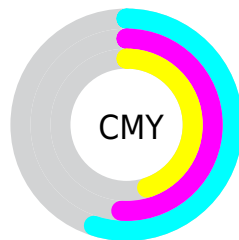


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (51%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 727E8D 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 727E8D by changing the saturation by 10% instead.



■ 727E8D

■ 727E8D

FFFFFF

■ 596573

■ A6B3C3

■ 424D5B

■ C1CEDF

■ 2B3643

■ DDEAFB

■ 16212D

■ FAFFFF

■ 000A19

■ 000000

■ 727E8D

■ 727E8D

■ 64768D

■ 80868D

■ 566E8D

■ 8E8E8D

48668D

9C968D

3A5F8D

AA9D8D

2C578D

B9A58D

1D4F8D

C7AD8D

0F478D

D5B58D

013F8D

E3BD8D

003F8D

F1C58D

# Harmonies

## Analogous

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



6A808A



727E8D



7C7B8C

# Triad

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



727E8D



8F7776



738073

# Complementary

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



727E8D



8D8172

# 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.



7C7E6E



727E8D



8C7970

# Square

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



727E8D



8D777F



857C6C



6B827B

# Rectangle

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



727E8D



837989



857C6C



768071



# Sweetspot

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



727E8D



ADB1B8



728D81



55585C



DBDBDB



5C5C5C



# Same Dimension

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



727E8D



8DA0B8



73728D



404347



003C87



000308



# Inverse Universe

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



8D727E



B88DA0



8C8D72



474043



87003C

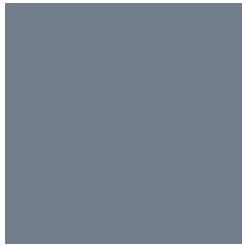


080003



# Previews

## White Background



This preview shows how the Hex color 727E8D looks on a white background.

## Color Contrast Check

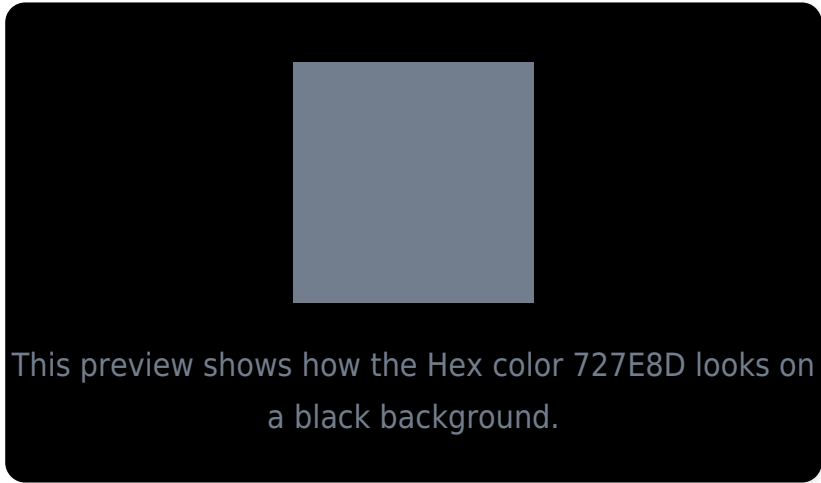
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

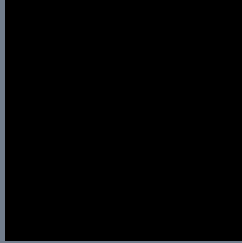
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

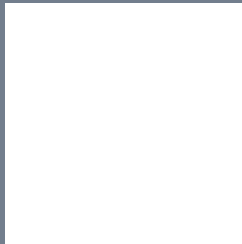
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 727E8D Background



This preview shows how black text looks on a background with the Hex color 727E8D.



This preview shows how white text looks on a background with the Hex color 727E8D.

# 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**

727E8D

**Protanopia**

7A7C8C

**Deuteranopia**

81798E



**Tritanopia**  
717F89

# Trichromacy



**Original Color**  
727E8D

**Protanomaly**  
777D8C

**Deuteranomaly**  
7C7B8E

**Tritanomaly**  
717F8A

# Monochromacy



**Original Color**  
727E8D

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
787D82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 727E8D 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 #727E8D looks like.

```
.text, #text, p{  
    color:#727E8D  
}
```

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 #727E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727E8D
}
```

## Border

The CSS property to change the border of an element to Hex 727E8D 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
#727E8D }
```

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

```
.border{ border-color:#727E8D }
```

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

Here you see how a box with a 4 pixel #727E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727E8D; -webkit-box-shadow:4px 4px  
4px 4px #727E8D; box-shadow:4px 4px 4px  
4px #727E8D }
```

# Background

The CSS property to change the background color of an element to Hex 727E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727E8D }
```

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

```
.background{ background-color:#727E8D }
```

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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