

# Converting Colors

Hex(6E6F7B)

Have a look what the booklet for  
Hex(6E6F7B) contains.

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# Color

**Hex(6E6F7B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E6F7B
RGB	110, 111, 123
RGB Percent	43%, 44%, 48%
CMY	0.5686, 0.5647, 0.5176
CMYK	0.11, 0.10, 0.00, 0.52
HSL	235°, 6%, 46%
HSV	235°, 11%, 48%
XYZ	15.6900, 16.1139, 21.0222
YIQ	112.0690, -4.4480, 3.5200

# Conversions

## Conversions Part 2

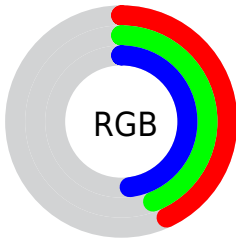
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 111, 123
Decimal	7237499
CIE Lab	47.12, 2.20, -6.76
CIE LCh	47, 7.109, 288.011
Yxy	16.1139, 0.2970, 0.3050
Android (android.graphics.Color)	4285427579 (0xFF6E6F7B)
YUV	112.0690, 5.3890, -1.8145
Hunter-Lab	40.1422, -0.4801, -2.9503

# Details

The Hex color **6E6F7B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7B7A6E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A2A3AF**, and **3E3F4A** is the 20% darker color. If you saturate the color by 10%, you get **62647B**, and if you desaturate by 10%, it is **7A7A7B**.

# Distribution



Red (43%)

Green (44%)

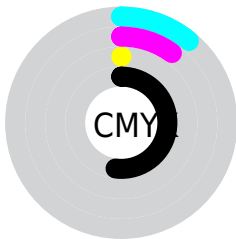
Blue (48%)



Red (43%)

Yellow (44%)

Blue (48%)

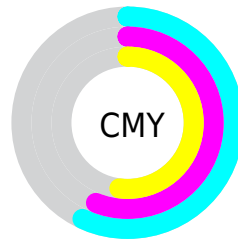


Cyan (11%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (57%)

Magenta (56%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E6F7B 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 6E6F7B by changing the saturation by 10% instead.





6E6F7B



6E6F7B

FFFFFF



565762



A2A3AF



3E3F4A



BDBECB



282A34



D8D9E7



14151F



F5F6FF



000004



000000



6E6F7B



6E6F7B



62647B



7A7A7B



55587B



87867B

■ 494D7B

■ 93917B

■ 3D427B

■ 9F9C7B

■ 31367B

■ ACA87B

■ 242B7B

■ B8B37B

■ 18207B

■ C4BE7B

■ 0C147B

■ D0CA7B

■ 00097B

■ DDD57B

# Harmonies

## Analogous

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



67717B



6E6F7B



756D78

# Triad

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



6E6F7B



7B6D67



64736D

# Complementary

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



6E6F7B



7B7A6E

# 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.



6A7268



6E6F7B



776E64

# Square

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



6E6F7B



7D6C6C



717064



617373

# Rectangle

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



6E6F7B



796C74



717064



66736B



# Sweetspot

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



6E6F7B



9C9CA1



6E7B7A



4E4F52



D1D1D1



525252



# Same Dimension

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



6E6F7B



8C8DA1



736E7B



37383D



000A7D



0013FC



# Inverse Universe

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



7B6E6F



A18C8D



767B6E



3D3738



7D000A

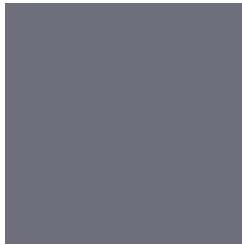


FC0013



# Previews

## White Background



This preview shows how the Hex color 6E6F7B looks on a white background.

## Color Contrast Check

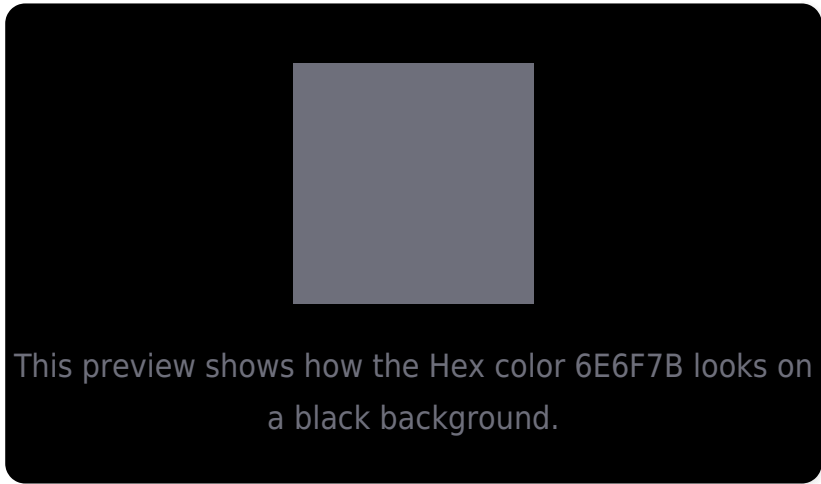
Large Text (above 18pt) WCAG AA ✓ Pass

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

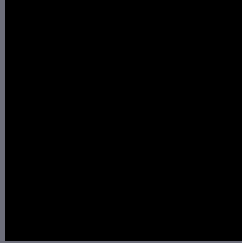
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

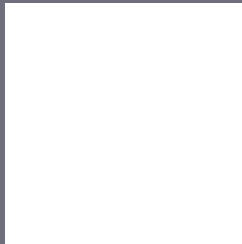
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E6F7B Background



This preview shows how black text looks on a background with the Hex color 6E6F7B.



This preview shows how white text looks on a background with the Hex color 6E6F7B.

# 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**  
6E6F7B

**Protanopia**  
6E6F7B

**Deuteranopia**  
756D7B



**Tritanopia**  
6E6F78

# Trichromacy



**Original Color**

6E6F7B

**Protanomaly**

6E6F7B

**Deuteranomaly**

726E7B

**Tritanomaly**

6E6F79

# Monochromacy



**Original Color**

6E6F7B

**Achromatopsia**

707070

**Achromatomaly**

6F7074

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E6F7B 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 #6E6F7B looks like.

```
.text, #text, p{  
    color:#6E6F7B  
}
```

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 #6E6F7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E6F7B  
}
```

## Border

The CSS property to change the border of an element to Hex 6E6F7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

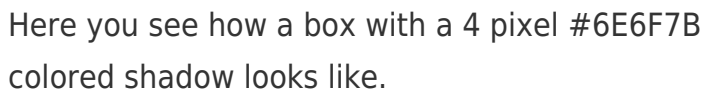
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6E6F7B }
```

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

```
.border{ border-color:#6E6F7B }
```

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



Here you see how a box with a 4 pixel #6E6F7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E6F7B; -webkit-box-shadow:4px 4px  
4px 4px #6E6F7B; box-shadow:4px 4px 4px  
4px #6E6F7B }
```

# Background

The CSS property to change the background color of an element to Hex 6E6F7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E6F7B }
```

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

```
.background{ background-color:#6E6F7B }
```

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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