

# Converting Colors

Hex(6E7B86)

Have a look what the booklet for  
Hex(6E7B86) contains.

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# Color

Hex(6E7B86)

# Conversions

## Conversions Part 1

Format	Color
Hex	6E7B86
RGB	110, 123, 134
RGB Percent	43%, 48%, 53%
CMY	0.5686, 0.5176, 0.4745
CMYK	0.18, 0.08, 0.00, 0.47
HSL	208°, 10%, 48%
HSV	208°, 18%, 53%
XYZ	17.8164, 19.2021, 25.3216
YIQ	120.3670, -11.2790, 0.6650

# Conversions

## Conversions Part 2

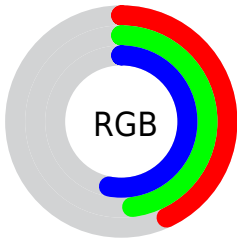
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 118, 134
Decimal	7240582
CIE <sub>Lab</sub>	50.92, -2.31, -7.61
CIE <sub>LCh</sub>	51, 7.949, 253.121
Yxy	19.2021, 0.2858, 0.3080
Android (android.graphics.Color)	4285430662 (0xFF6E7B86)
<b>YUV</b>	120.3670, 6.7211, -9.0919
Hunter-Lab	43.8203, -4.1109, -3.5867

# Details

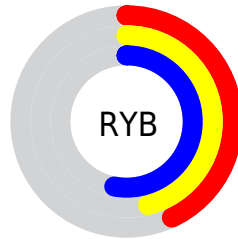
The Hex color **6E7B86** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **86796E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A2AFBB**, and **3E4A54** is the 20% darker color. If you saturate the color by 10%, you get **617586**, and if you desaturate by 10%, it is **7B8186**.

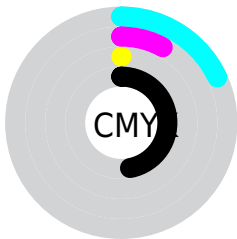
# Distribution



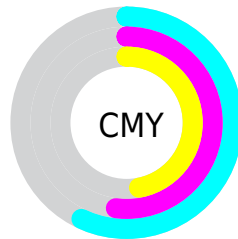
- Red (43%)
- Green (48%)
- Blue (53%)



- Red (43%)
- Yellow (46%)
- Blue (53%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (47%)



- Cyan (57%)
- Magenta (52%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E7B86 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 6E7B86 by changing the saturation by 10% instead.



■ 6E7B86

■ 6E7B86

FFFFFF

■ 55626D

■ A2AFBB

■ 3E4A54

■ BDCBD7

■ 28343D

■ D9E7F3

■ 131F28

■ F5FFFF

■ 000613

■ 000000

■ 6E7B86

■ 6E7B86

■ 617586

■ 7B8186

■ 536F86

■ 898786

466986

968D86

386286

A49486

2B5C86

B19A86

1E5686

BEA086

105086

CCA686

034A86

D9AC86

004986

E7B286

# Harmonies

## Analogous

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



697D82



6E7B86



767986

# Triad

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



6E7B86



887576



747C6F

# Complementary

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



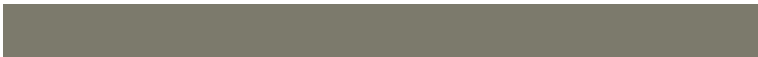
6E7B86



86796E

# 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.



7C7A6C



6E7B86



877670

# Square

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



6E7B86



85757D



83786C



6D7D75

# Rectangle

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



6E7B86



7C7785



83786C



767B6E



# Sweetspot

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



6E7B86



A5A9AD



6E8679



515457



D6D6D6



575757



# Same Dimension

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



6E7B86



899DAD



6E6F86



3C3F42



004682



000103



# Inverse Universe

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



866E7B



AD899D



86856E



423C3F



820046



030001



# Previews

## White Background



This preview shows how the Hex color 6E7B86 looks on a white background.

## Color Contrast Check

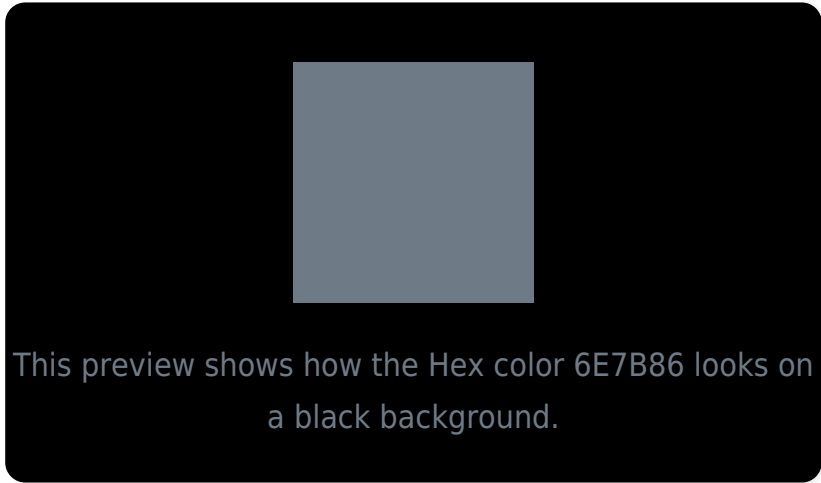
Large Text (above 18pt) WCAG AA ✓ Pass

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

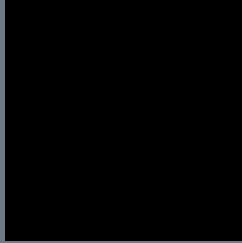
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

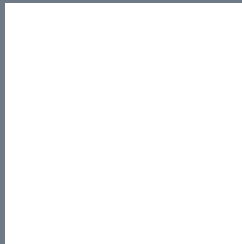
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E7B86 Background



This preview shows how black text looks on a background with the Hex color 6E7B86.



This preview shows how white text looks on a background with the Hex color 6E7B86.

# 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**  
6E7B86

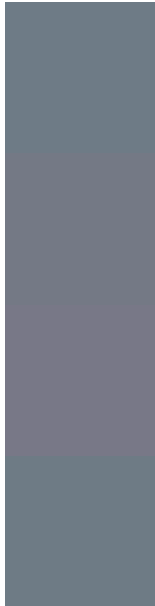
**Protanopia**  
787884

**Deuteranopia**  
7E7687



**Tritanopia**  
6E7B85

# Trichromacy



**Original Color**  
6E7B86

**Protanomaly**  
747985

**Deuteranomaly**  
787887

**Tritanomaly**  
6E7B85

# Monochromacy



**Original Color**  
6E7B86

**Achromatopsia**  
787878

**Achromatomaly**  
74797D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E7B86 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 #6E7B86 looks like.

```
.text, #text, p{  
    color:#6E7B86  
}
```

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 #6E7B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7B86
}
```

## Border

The CSS property to change the border of an element to Hex 6E7B86 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
#6E7B86 }
```

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

```
.border{ border-color:#6E7B86 }
```

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

Here you see how a box with a 4 pixel #6E7B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7B86; -webkit-box-shadow:4px 4px  
4px 4px #6E7B86; box-shadow:4px 4px 4px  
4px #6E7B86 }
```

# Background

The CSS property to change the background color of an element to Hex 6E7B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7B86 }
```

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

```
.background{ background-color:#6E7B86 }
```

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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