

# Converting Colors

Hex(3F6E6B)

Have a look what the booklet for  
Hex(3F6E6B) contains.

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# Color

**Hex(3F6E6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F6E6B
RGB	63, 110, 107
RGB Percent	25%, 43%, 42%
CMY	0.7529, 0.5686, 0.5804
CMYK	0.43, 0.00, 0.03, 0.57
HSL	176°, 27%, 34%
HSV	176°, 43%, 43%
XYZ	10.2797, 13.2702, 15.9295
YIQ	95.6050, -27.0490, -10.8970

# Conversions

## Conversions Part 2

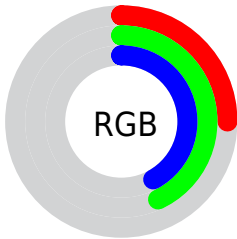
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 87, 110
Decimal	4157035
CIELab	43.17, -16.81, -3.37
CIElCh	43, 17.144, 191.342
Yxy	13.2702, 0.2604, 0.3361
Android (android.graphics.Color)	4282347115 (0xFF3F6E6B)
YUV	95.6050, 5.6177, -28.5946
Hunter-Lab	36.4282, -13.3785, -0.4269

# Details

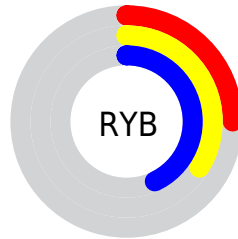
The Hex color **3F6E6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E3F42**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **72A29E**, and **0B3E3C** is the 20% darker color. If you saturate the color by 10%, you get **346E6A**, and if you desaturate by 10%, it is **4A6E6C**.

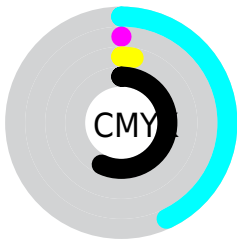
# Distribution



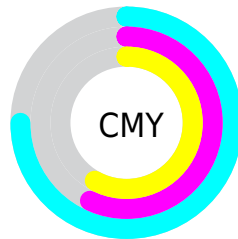
- Red (25%)
- Green (43%)
- Blue (42%)



- Red (25%)
- Yellow (34%)
- Blue (43%)



- Cyan (43%)
- Magenta (0%)
- Yellow (3%)
- Black (57%)



- Cyan (75%)
- Magenta (57%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F6E6B 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 3F6E6B by changing the saturation by 10% instead.





3F6E6B



3F6E6B

FFFFFF



265653



72A29E



0B3E3C



8CBDB9



002826



A7D9D5



001411



C3F5F1



000000



DFFFFF



FFFFFF



3F6E6B



3F6E6B



346E6A



4A6E6C

■ 296E6A

■ 556E6C

■ 1E6E69

■ 606E6D

■ 136E68

■ 6B6E6E

■ 086E67

■ 766E6F

■ 006E67

■ 816E6F

■ 8C6E70

■ 976E71

■ A26E71

# Harmonies

## Analogous

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



4B6D5C



3F6E6B



3D6D78

# Triad

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



3F6E6B



6F617B



78624B

# Complementary

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



3F6E6B



6E3F42

# 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.



815E54



3F6E6B



7D5D6F

# Square

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



3F6E6B



5C6582



835C61



6B674A

# Rectangle

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



3F6E6B



446B7E



835C61



7C604E



# Sweetspot

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



3F6E6B



7C8F8E



426E3F



3C4747



C7C7C7



474747



# Same Dimension

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



3F6E6B



468F8A



3F5A6E



323838



007870



00F7E8



# Inverse Universe

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



6E3F42



8F464B



6E533F



383233



780008



F70010



# Previews

## White Background



This preview shows how the Hex color 3F6E6B looks on a white background.

## Color Contrast Check

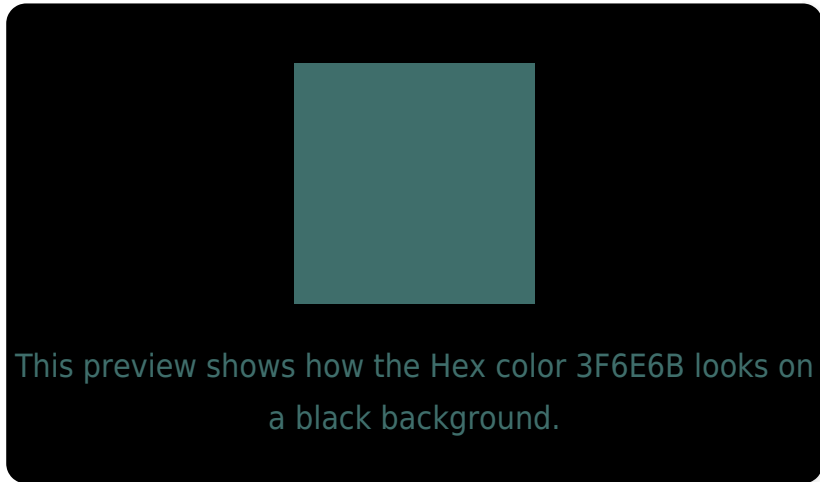
Large Text (above 18pt) WCAG AA ✓ Pass

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

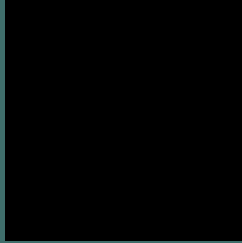
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F6E6B Background



This preview shows how black text looks on a background with the Hex color 3F6E6B.

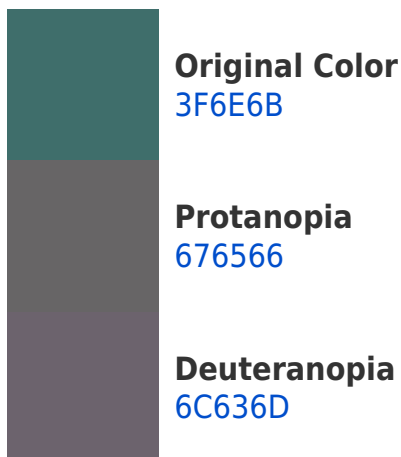


This preview shows how white text looks on a background with the Hex color 3F6E6B.

# 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](#).

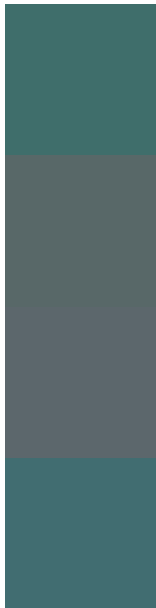
## Dichromacy





**Tritanopia**  
426C75

# Trichromacy



**Original Color**  
3F6E6B

**Protanomaly**  
586868

**Deuteranomaly**  
5C676C

**Tritanomaly**  
416D71

# Monochromacy



**Original Color**  
3F6E6B

**Achromatopsia**  
606060

**Achromatomaly**  
546564

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F6E6B 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 #3F6E6B looks like.

```
.text, #text, p{  
    color:#3F6E6B  
}
```

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 #3F6E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6E6B
}
```

## Border

The CSS property to change the border of an element to Hex 3F6E6B 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".

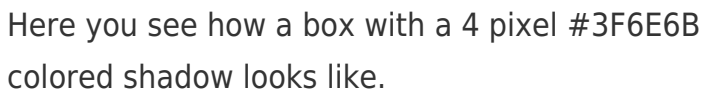
```
.border, #border, table{ border:4px solid
#3F6E6B }
```

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

```
.border{ border-color:#3F6E6B }
```

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

Here you see how a box with a 4 pixel #3F6E6B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6E6B; -webkit-box-shadow:4px 4px  
4px 4px #3F6E6B; box-shadow:4px 4px 4px  
4px #3F6E6B }
```

# Background

The CSS property to change the background color of an element to Hex 3F6E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6E6B }
```

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

```
.background{ background-color:#3F6E6B }
```

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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