

# Converting Colors

Hex(3F6B77)

Have a look what the booklet for  
Hex(3F6B77) contains.

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# Color

**Hex(3F6B77)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F6B77
RGB	63, 107, 119
RGB Percent	25%, 42%, 47%
CMY	0.7529, 0.5804, 0.5333
CMYK	0.47, 0.10, 0.00, 0.53
HSL	193°, 31%, 36%
HSV	193°, 47%, 47%
XYZ	10.6374, 12.9041, 19.3828
YIQ	95.2120, -30.0760, -5.5960

# Conversions

## Conversions Part 2

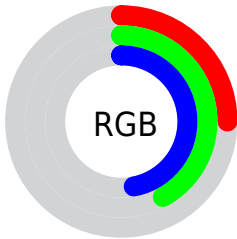
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 88, 119
Decimal	4156279
CIE <sub>Lab</sub>	42.62, -11.71, -11.44
CIE <sub>LCh</sub>	43, 16.372, 224.334
Yxy	12.9041, 0.2478, 0.3006
Android (android.graphics.Color)	4282346359 (0xFF3F6B77)
YUV	95.2120, 11.7275, -28.2499
Hunter-Lab	35.9222, -10.0061, -6.8460

# Details

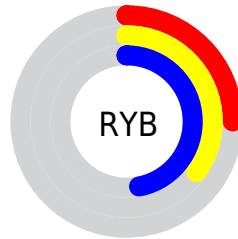
The Hex color **3F6B77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774B3F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **729EAB**, and **083C47** is the 20% darker color. If you saturate the color by 10%, you get **336877**, and if you desaturate by 10%, it is **4B6E77**.

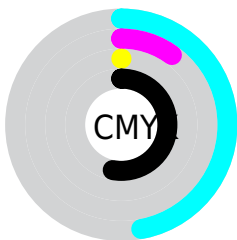
# Distribution



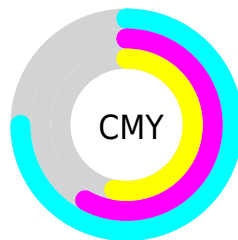
- Red (25%)
- Green (42%)
- Blue (47%)



- Red (25%)
- Yellow (35%)
- Blue (47%)



- Cyan (47%)
- Magenta (10%)
- Yellow (0%)
- Black (53%)



- Cyan (75%)
- Magenta (58%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F6B77 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 3F6B77 by changing the saturation by 10% instead.



■ 3F6B77

■ 3F6B77

FFFFFF

■ 26535E

■ 729EAB

■ 083C47

■ 8DB9C6

■ 002630

■ A8D5E3

■ 00121C

■ C4F1FF

■ 000000

■ E0FFFF

FDFFFF

■ 3F6B77

■ 3F6B77

■ 336877

■ 4B6E77

■ 276677

■ 577077

■ 1B6377

■ 637377

■ 0F6177

■ 6F7577

■ 045E77

■ 7B7877

■ 005D77

■ 867A77

■ 927D77

■ 9E7F77

■ AA8277

# Harmonies

## Analogous

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



3F6C6B



3F6B77



4B687E

# Triad

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



3F6B77



7B5C6C



68664A

# Complementary

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



3F6B77



774B3F

# 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.



75614B



3F6B77



805B5F

# Square

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



3F6B77



6F5F78



7E5D52



596951

# Rectangle

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



3F6B77



57657F



7E5D52



6D644A



# Sweetspot

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



3F6B77



86979C



3F774A



424C4F



CFCFCF



4F4F4F



# Same Dimension

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



3F6B77



44899C



3F5077



35393B



00607A



00C4FA



# Inverse Universe

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



773F6B



9C4489



77663F



3B3539



7A0060

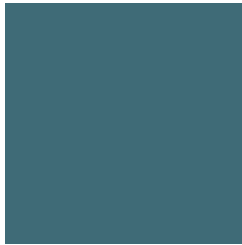


FA00C4



# Previews

## White Background



This preview shows how the Hex color 3F6B77 looks on a white background.

## Color Contrast Check

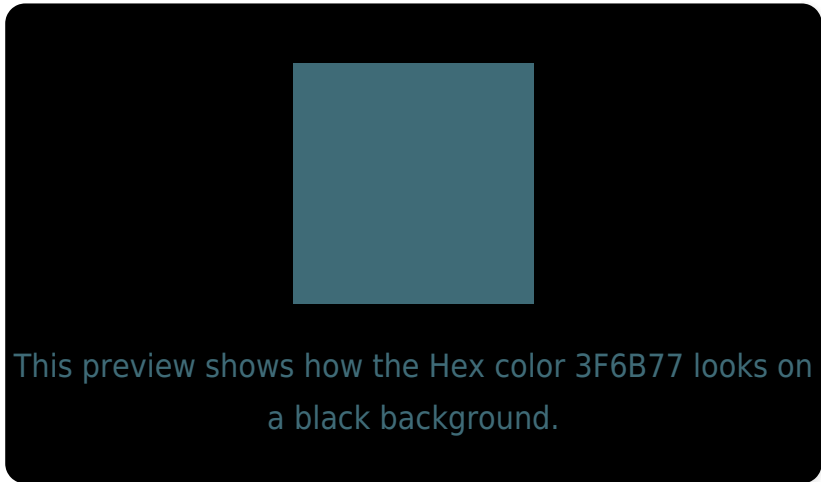
Large Text (above 18pt) WCAG AA ✓ Pass

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

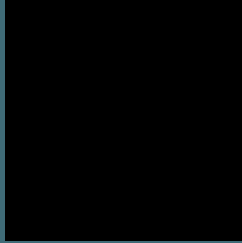
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F6B77 Background



This preview shows how black text looks on a background with the Hex color 3F6B77.

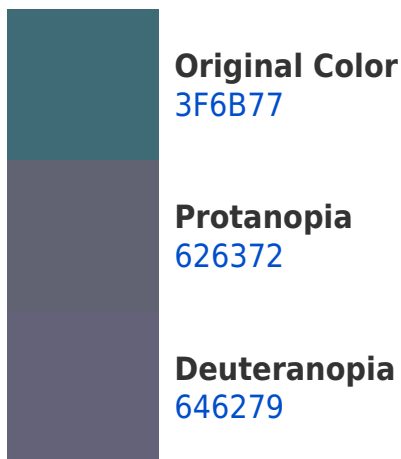


This preview shows how white text looks on a background with the Hex color 3F6B77.

# 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](#).

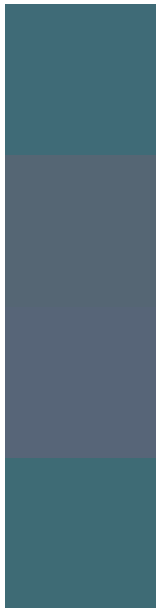
## Dichromacy





**Tritanopia**  
3E6B74

# Trichromacy



**Original Color**  
3F6B77

**Protanomaly**  
556674

**Deuteranomaly**  
576578

**Tritanomaly**  
3E6B75

# Monochromacy



**Original Color**  
3F6B77

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
536368

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F6B77 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 #3F6B77 looks like.

```
.text, #text, p{  
    color:#3F6B77  
}
```

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 #3F6B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6B77  
}
```

## Border

The CSS property to change the border of an element to Hex 3F6B77 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  
#3F6B77 }
```

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

```
.border{ border-color:#3F6B77 }
```

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

Here you see how a box with a 4 pixel #3F6B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6B77; -webkit-box-shadow:4px 4px  
4px 4px #3F6B77; box-shadow:4px 4px 4px  
4px #3F6B77 }
```

# Background

The CSS property to change the background color of an element to Hex 3F6B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6B77 }
```

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

```
.background{ background-color:#3F6B77 }
```

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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