

# Converting Colors

Hex(3F6B72)

Have a look what the booklet for  
Hex(3F6B72) contains.

<b>Hex(3F6B72)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3F6B72)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F6B72
RGB	63, 107, 114
RGB Percent	25%, 42%, 45%
CMY	0.7529, 0.5804, 0.5529
CMYK	0.45, 0.06, 0.00, 0.55
HSL	188°, 29%, 35%
HSV	188°, 45%, 45%
XYZ	10.3449, 12.7871, 17.8425
YIQ	94.6420, -28.4710, -7.1510

# Conversions

## Conversions Part 2

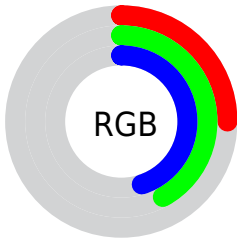
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 87, 114
Decimal	4156274
CIELab	42.44, -13.17, -8.69
CIELCh	42, 15.779, 213.396
Yxy	12.7871, 0.2525, 0.3121
Android (android.graphics.Color)	4282346354 (0xFF3F6B72)
YUV	94.6420, 9.5435, -27.7500
Hunter-Lab	35.7590, -10.9393, -4.5524

# Details

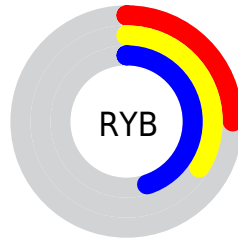
The Hex color **3F6B72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72463F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **729EA6**, and **0A3C42** is the 20% darker color. If you saturate the color by 10%, you get **346972**, and if you desaturate by 10%, it is **4A6D72**.

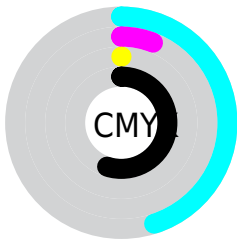
# Distribution



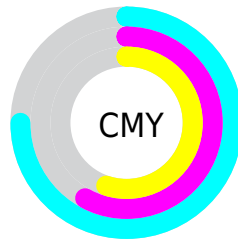
- Red (25%)
- Green (42%)
- Blue (45%)



- Red (25%)
- Yellow (34%)
- Blue (45%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)



- Cyan (75%)
- Magenta (58%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F6B72 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 3F6B72 by changing the saturation by 10% instead.





3F6B72



3F6B72

FFFFFF



26535A



729EA6



0A3C42



8CB9C1



00262C



A7D5DD



001118



C3F2F9



000000



DFFFFF



FFFFFFF



3F6B72



3F6B72



346972



4A6D72

■ 286872

■ 566E72

■ 1D6672

■ 617072

■ 116572

■ 6D7172

■ 066372

■ 787372

■ 006272

■ 837472

■ 8F7672

■ 9A7872

■ A67972

# Harmonies

## Analogous

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



436C65



3F6B72



47697B

# Triad

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



3F6B72



765D70



6C644A

# Complementary

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



3F6B72



72463F

# 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.



785F4D



3F6B72



7E5B63

# Square

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



3F6B72



68607A



7E5C56



5E684E

# Rectangle

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



3F6B72



51667E



7E5C56



71624B



# Sweetspot

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



3F6B72



819194



3F7246



3E484A



C9C9C9



4A4A4A



# Same Dimension

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



3F6B72



448994



3F5272



323738



006778



00D5F7



# Inverse Universe

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



723F6B



944489



725F3F



383237



780067



F700D5



# Previews

## White Background



This preview shows how the Hex color 3F6B72 looks on a white background.

## Color Contrast Check

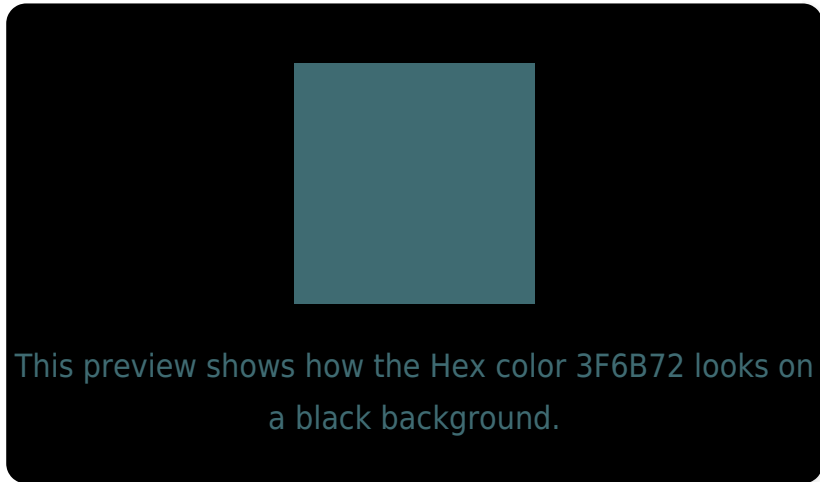
Large Text (above 18pt) WCAG AA ✓ Pass

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

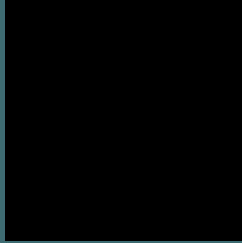
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F6B72 Background



This preview shows how black text looks on a background with the Hex color 3F6B72.

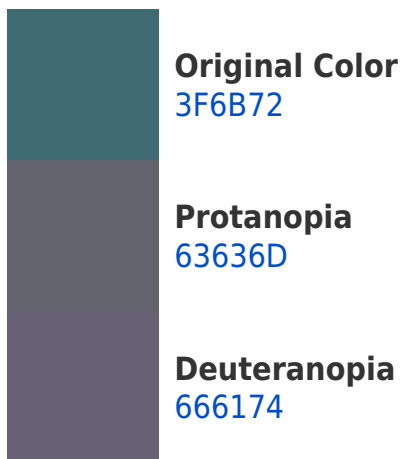



This preview shows how white text looks on a background with the Hex color 3F6B72.

# 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](#).

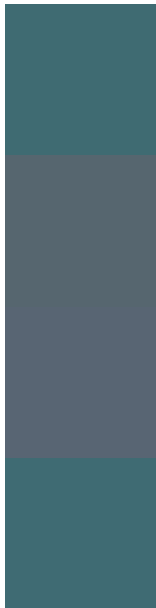
## Dichromacy





**Tritanopia**  
3F6B73

# Trichromacy



**Original Color**  
3F6B72

**Protanomaly**  
56666F

**Deuteranomaly**  
586573

**Tritanomaly**  
3F6B73

# Monochromacy



**Original Color**  
3F6B72

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
536366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F6B72 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 #3F6B72 looks like.

```
.text, #text, p{  
    color:#3F6B72  
}
```

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 #3F6B72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6B72
}
```

## Border

The CSS property to change the border of an element to Hex 3F6B72 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
#3F6B72 }
```

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

```
.border{ border-color:#3F6B72 }
```

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

Here you see how a box with a 4 pixel #3F6B72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6B72; -webkit-box-shadow:4px 4px  
4px 4px #3F6B72; box-shadow:4px 4px 4px  
4px #3F6B72 }
```

# Background

The CSS property to change the background color of an element to Hex 3F6B72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6B72 }
```

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

```
.background{ background-color:#3F6B72 }
```

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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