

Converting Colors

Hex(3F6F7F)

Have a look what the booklet for
Hex(3F6F7F) contains.

Hex(3F6F7F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F6F7F)

Conversions

Conversions Part 1

Format	Color
Hex	3F6F7F
RGB	63, 111, 127
RGB Percent	25%, 44%, 50%
CMY	0.7529, 0.5647, 0.5020
CMYK	0.50, 0.13, 0.00, 0.50
HSL	195°, 34%, 37%
HSV	195°, 50%, 50%
XYZ	11.5651, 13.9579, 22.1633
YIQ	98.4720, -33.7440, -5.2000

Conversions

Conversions Part 2

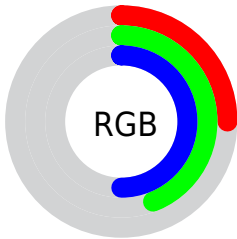
Format	Color
RYB	63, 90, 127
Decimal	4157311
CIELab	44.17, -11.60, -13.90
CIElCh	44, 18.106, 230.162
Yxy	13.9579, 0.2425, 0.2927
Android (android.graphics.Color)	4282347391 (0xFF3F6F7F)
YUV	98.4720, 14.0643, -31.1089
Hunter-Lab	37.3603, -10.1249, -9.0204

Details

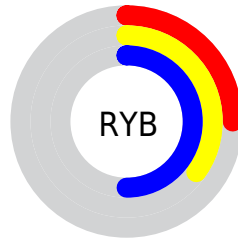
The Hex color **3F6F7F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F4F3F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **73A3B4**, and **033F4E** is the 20% darker color. If you saturate the color by 10%, you get **326C7F**, and if you desaturate by 10%, it is **4C727F**.

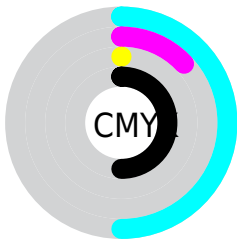
Distribution



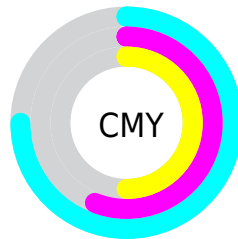
- Red (25%)
- Green (44%)
- Blue (50%)



- Red (25%)
- Yellow (35%)
- Blue (50%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (50%)



- Cyan (75%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F6F7F 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 3F6F7F by changing the saturation by 10% instead.

■ 3F6F7F

■ 3F6F7F

FFFFFF

■ 255766

■ 73A3B4

■ 033F4E

■ 8EBECF

■ 002937

■ A9DAEC

■ 001622

■ C5F6FF

■ 000009

■ E2FFFF

■ 000000

■ 3F6F7F

■ 3F6F7F

■ 326C7F

■ 4C727F

■ 26697F

■ 58757F

19657F

65797F

0C627F

727C7F

005F7F

7F7F7F

8B827F

98857F

A5887F

B18C7F

Harmonies

Analogous

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



3D7172



3F6F7F



4F6B86

Triad

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



3F6F7F



835E6E



696B4C

Complementary

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



3F6F7F



7F4F3F

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.



78664B



3F6F7F



875E5F

Square

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



3F6F7F



77617C



836152



586E55

Rectangle

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



3F6F7F



5D6886



836152



6E694B

Sweetspot

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



3F6F7F



8DA0A6



3F7F4F



455054



D4D4D4



545454

Same Dimension

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



3F6F7F



428DA6



3F4F7F



393E40



006080



000000

Inverse Universe

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



7F3F6F



A6428D



7F6F3F



40393E



800060



000000

Previews

White Background



This preview shows how the Hex color 3F6F7F looks on a white background.

Color Contrast Check

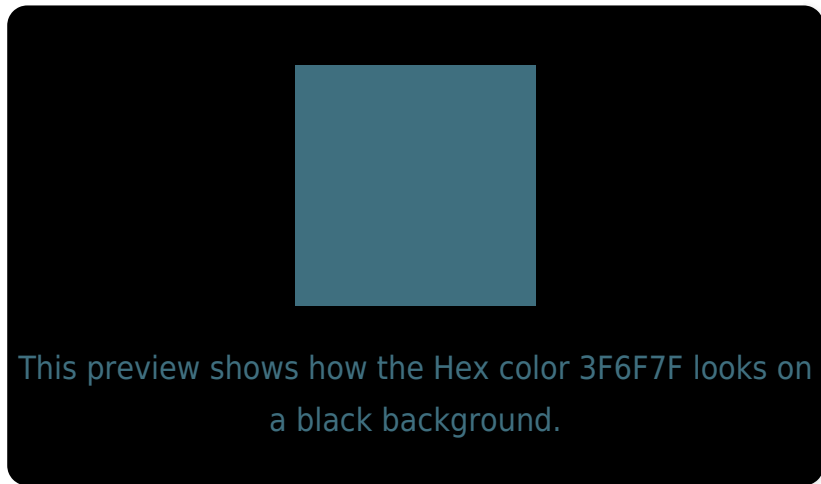
Large Text (above 18pt) WCAG AA ✓ Pass

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

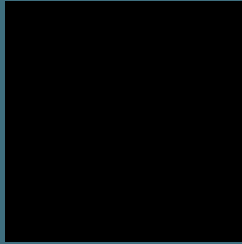
Any Text WCAG AA × Fail

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 3F6F7F Background



This preview shows how black text looks on a background with the Hex color 3F6F7F.

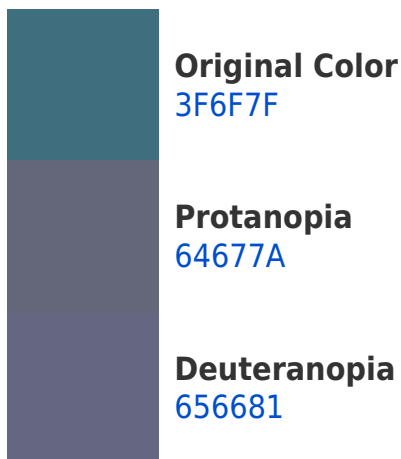


This preview shows how white text looks on a background with the Hex color 3F6F7F.

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](#).

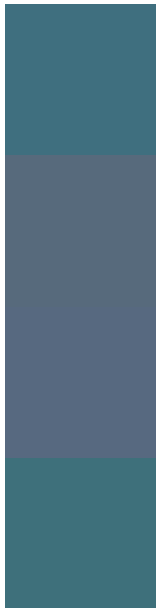
Dichromacy





Tritanopia
3D7079

Trichromacy



Original Color
3F6F7F

Protanomaly
576A7C

Deuteranomaly
576980

Tritanomaly
3E707B

Monochromacy



Original Color
3F6F7F

Achromatopsia
626262

Achromatomaly
55676D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F6F7F 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 #3F6F7F looks like.

```
.text, #text, p{  
    color:#3F6F7F  
}
```

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 #3F6F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6F7F
}
```

Border

The CSS property to change the border of an element to Hex 3F6F7F 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
#3F6F7F }
```

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

```
.border{ border-color:#3F6F7F }
```

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

Here you see how a box with a 4 pixel #3F6F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6F7F; -webkit-box-shadow:4px 4px  
4px 4px #3F6F7F; box-shadow:4px 4px 4px  
4px #3F6F7F }
```

Background

The CSS property to change the background color of an element to Hex 3F6F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6F7F }
```

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

```
.background{ background-color:#3F6F7F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor