

Converting Colors

Hex(3F767E)

Have a look what the booklet for
Hex(3F767E) contains.

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Color

Hex(3F767E)

Conversions

Conversions Part 1

Format	Color
Hex	3F767E
RGB	63, 118, 126
RGB Percent	25%, 46%, 49%
CMY	0.7529, 0.5373, 0.5059
CMYK	0.50, 0.06, 0.00, 0.51
HSL	188°, 33%, 37%
HSV	188°, 50%, 49%
XYZ	12.2942, 15.5200, 22.0863
YIQ	102.4670, -35.3480, -9.1720

Conversions

Conversions Part 2

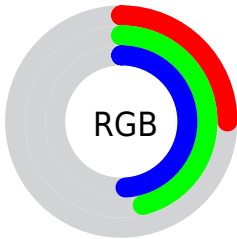
Format	Color
RYB	63, 92, 126
Decimal	4159102
CIELab	46.34, -15.83, -10.03
CIElCh	46, 18.744, 212.360
Yxy	15.5200, 0.2464, 0.3110
Android (android.graphics.Color)	4282349182 (0xFF3F767E)
YUV	102.4670, 11.6018, -34.6126
Hunter-Lab	39.3954, -13.2370, -5.6631

Details

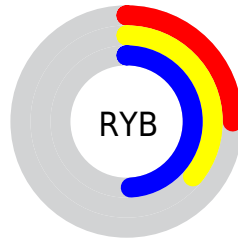
The Hex color **3F767E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E473F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **73AAB3**, and **02454D** is the 20% darker color. If you saturate the color by 10%, you get **32747E**, and if you desaturate by 10%, it is **4C787E**.

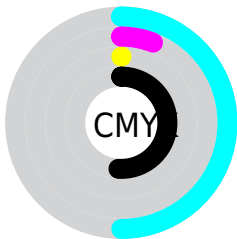
Distribution



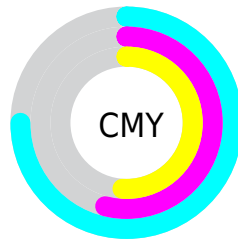
- Red (25%)
- Green (46%)
- Blue (49%)



- Red (25%)
- Yellow (36%)
- Blue (49%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (75%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F767E 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 3F767E by changing the saturation by 10% instead.

■ 3F767E

■ 3F767E

FFFFFF

■ 245D65

■ 73AAB3

■ 02454D

■ 8EC6CE

■ 002F36

■ AAE2EA

■ 001B21

■ C6FEFF

■ 000009

■ E2FFFF

■ 000000

■ 3F767E

■ 3F767E

■ 32747E

■ 4C787E

■ 26737E

■ 58797E

19717E

657B7E

0D707E

717C7E

006E7E

7E7E7E

8B807E

97817E

A4837E

B0847E

Harmonies

Analogous

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



45776F



3F767E



487389

Triad

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



3F767E



83657D



786D4E

Complementary

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



3F767E



7E473F

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.



856852



3F767E



8C626D

Square

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



3F767E



726988



8D645E



677253

Rectangle

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



3F767E



55708D



8D645E



7D6B4F

Sweetspot

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



3F767E



8BA0A3



3F7E46



435052



D1D1D1



525252

Same Dimension

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



3F767E



4197A3



3F577E



393F40



006F80



000000

Inverse Universe

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



7E3F76



A34197



7E663F



40393F



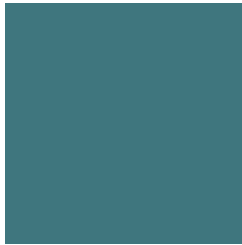
80006F



000000

Previews

White Background



This preview shows how the Hex color 3F767E looks on a white background.

Color Contrast Check

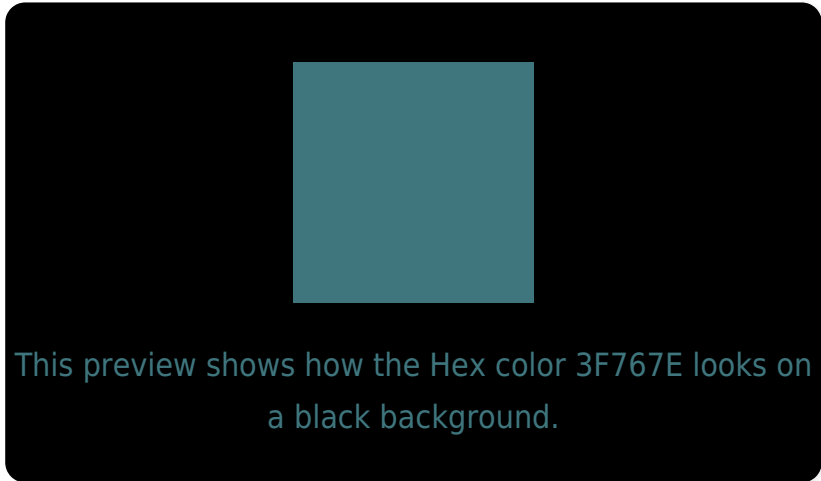
Large Text (above 18pt) WCAG AA ✓ Pass

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

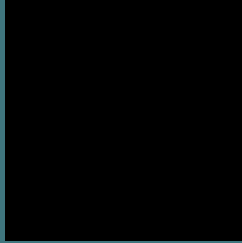
Any Text WCAG AA × Fail

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 3F767E Background



This preview shows how black text looks on a background with the Hex color 3F767E.

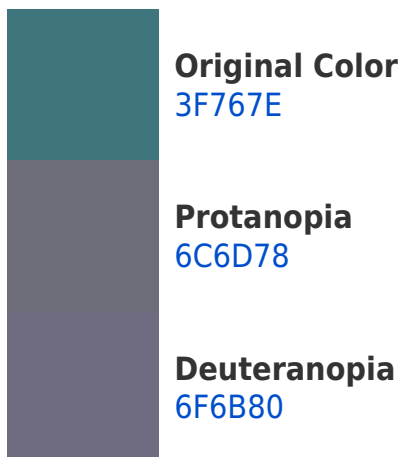



This preview shows how white text looks on a background with the Hex color 3F767E.

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](#).

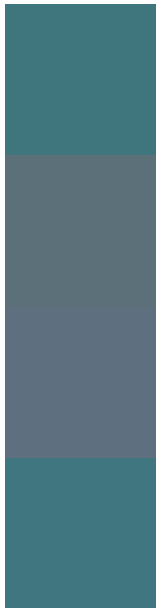
Dichromacy





Tritanopia
3F767F

Trichromacy



Original Color
3F767E

Protanomaly
5C707A

Deuteranomaly
5E6F7F

Tritanomaly
3F767F

Monochromacy



Original Color
3F767E

Achromatopsia
666666

Achromatomaly
586C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F767E 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 #3F767E looks like.

```
.text, #text, p{  
    color:#3F767E  
}
```

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 #3F767E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F767E
}
```

Border

The CSS property to change the border of an element to Hex 3F767E 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
#3F767E }
```

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

```
.border{ border-color:#3F767E }
```

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

Here you see how a box with a 4 pixel #3F767E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F767E; -webkit-box-shadow:4px 4px  
4px 4px #3F767E; box-shadow:4px 4px 4px  
4px #3F767E }
```

Background

The CSS property to change the background color of an element to Hex 3F767E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F767E }
```

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

```
.background{ background-color:#3F767E }
```

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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