

Converting Colors

Hex(3F787A)

Have a look what the booklet for
Hex(3F787A) contains.

Hex(3F787A)	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(3F787A)

Conversions

Conversions Part 1

Format	Color
Hex	3F787A
RGB	63, 120, 122
RGB Percent	25%, 47%, 48%
CMY	0.7529, 0.5294, 0.5216
CMYK	0.48, 0.02, 0.00, 0.52
HSL	182°, 32%, 36%
HSV	182°, 48%, 48%
XYZ	12.2792, 15.8948, 20.8332
YIQ	103.1850, -34.6140, -11.4620

Conversions

Conversions Part 2

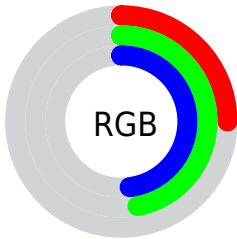
Format	Color
R_{YB}	63, 92, 122
Decimal	4159610
CIE _{Lab}	46.84, -18.08, -6.91
CIE _{LCh}	47, 19.357, 200.909
Yxy	15.8948, 0.2506, 0.3243
Android (android.graphics.Color)	4282349690 (0xFF3F787A)
YUV	103.1850, 9.2758, -35.2422
Hunter-Lab	39.8683, -14.7926, -3.0741

Details

The Hex color **3F787A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A413F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **73ACAE**, and **024749** is the 20% darker color. If you saturate the color by 10%, you get **33787A**, and if you desaturate by 10%, it is **4B787A**.

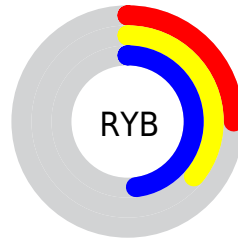
Distribution



Red (25%)

Green (47%)

Blue (48%)



Red (25%)

Yellow (36%)

Blue (48%)

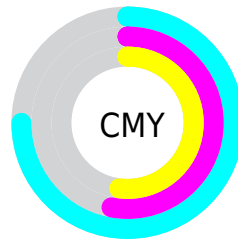


Cyan (48%)

Magenta (2%)

Yellow (0%)

Black (52%)



Cyan (75%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F787A 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 3F787A by changing the saturation by 10% instead.

■ 3F787A

■ 3F787A

FFFFFF

■ 245F61

■ 73ACAE

■ 024749

■ 8EC8CA

■ 003133

■ A9E4E6

■ 001D1E

■ C5FFFF

■ 000004

■ E2FFFF

■ 000000

■ 3F787A

■ 3F787A

■ 33787A

■ 4B787A

■ 27777A

■ 57797A

■ 1A777A

■ 64797A

■ 0E767A

■ 707A7A

■ 02767A

■ 7C7A7A

■ 00767A

■ 887A7A

■ 947B7A

■ A17B7A

■ AD7C7A

Harmonies

Analogous

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



4B7869



3F787A



427688

Triad

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



3F787A



7F6784



7F6C4F

Complementary

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



3F787A



7A413F

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.



8B6756



3F787A



8C6475

Square

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



3F787A



6B6D8D



906464



6F7250

Rectangle

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



3F787A



4D748D



906464



846A51

Sweetspot

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



3F787A



869D9E



3F7A41



414F4F



CFCFCF



4F4F4F

Same Dimension

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



3F787A



429B9E



3F5B7A



373D3D



00797D



00F4FC

Inverse Universe

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



7A3F78



9E429B



7A5E3F



3D373D



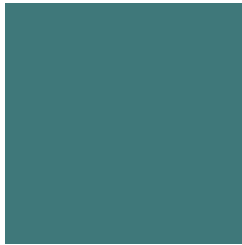
7D0079



FC00F4

Previews

White Background



This preview shows how the Hex color 3F787A looks on a white background.

Color Contrast Check

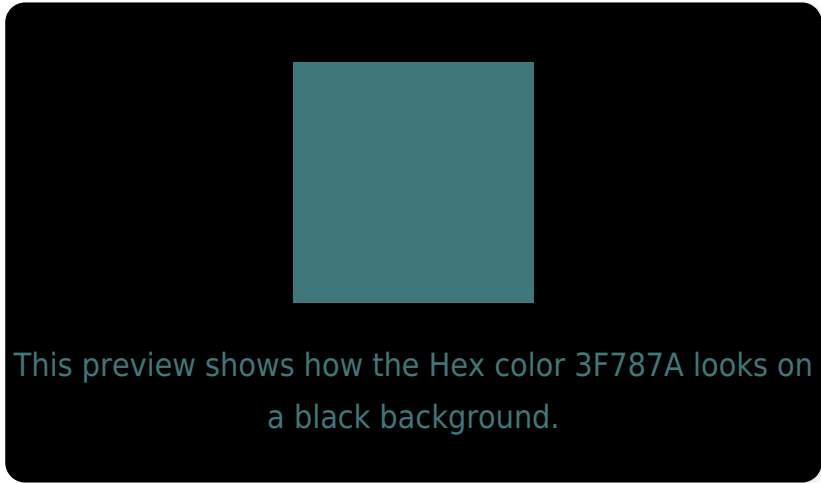
Large Text (above 18pt) WCAG AA ✓ Pass

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

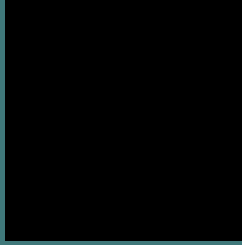
Any Text WCAG AA × Fail

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 3F787A Background



This preview shows how black text looks on a background with the Hex color 3F787A.



This preview shows how white text looks on a background with the Hex color 3F787A.

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](#).

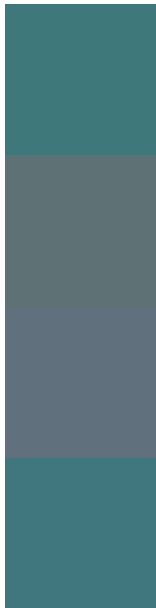
Dichromacy





Tritanopia
417781

Trichromacy



Original Color
3F787A

Protanomaly
5E7276

Deuteranomaly
60707C

Tritanomaly
40777E

Monochromacy



Original Color
3F787A

Achromatopsia
676767

Achromatomaly
586D6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F787A 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 #3F787A looks like.

```
.text, #text, p{  
    color:#3F787A  
}
```

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 #3F787A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F787A
}
```

Border

The CSS property to change the border of an element to Hex 3F787A 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
#3F787A }
```

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

```
.border{ border-color:#3F787A }
```

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

Here you see how a box with a 4 pixel #3F787A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F787A; -webkit-box-shadow:4px 4px  
4px 4px #3F787A; box-shadow:4px 4px 4px  
4px #3F787A }
```

Background

The CSS property to change the background color of an element to Hex 3F787A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F787A }
```

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

```
.background{ background-color:#3F787A }
```

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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