

Converting Colors

Hex(4A7B7E)

Have a look what the booklet for
Hex(4A7B7E) contains.

Hex(4A7B7E)	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(4A7B7E)

Conversions

Conversions Part 1

Format	Color
Hex	4A7B7E
RGB	74, 123, 126
RGB Percent	29%, 48%, 49%
CMY	0.7098, 0.5176, 0.5059
CMYK	0.41, 0.02, 0.00, 0.51
HSL	183°, 26%, 39%
HSV	183°, 41%, 49%
XYZ	13.6729, 17.1281, 22.3241
YIQ	108.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

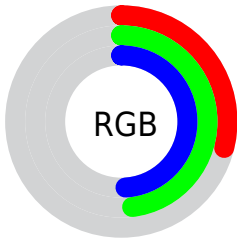
Format	Color
R_{YB}	74, 99, 126
Decimal	4881278
CIE _{Lab}	48.42, -15.69, -6.86
CIE _{LCh}	48, 17.126, 203.620
Yxy	17.1281, 0.2574, 0.3224
Android (android.graphics.Color)	4283071358 (0xFF4A7B7E)
YUV	108.6910, 8.5333, -30.4240
Hunter-Lab	41.3861, -13.4540, -3.0113

Details

The Hex color **4A7B7E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4D4A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7EB0B3**, and **164A4D** is the 20% darker color. If you saturate the color by 10%, you get **3D7A7E**, and if you desaturate by 10%, it is **577C7E**.

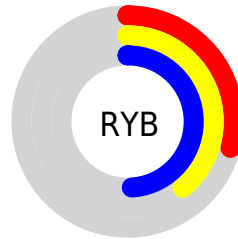
Distribution



Red (29%)

Green (48%)

Blue (49%)



Red (29%)

Yellow (39%)

Blue (49%)

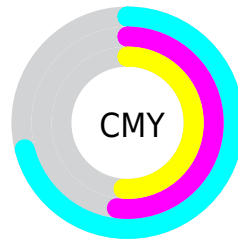


Cyan (41%)

Magenta (2%)

Yellow (0%)

Black (51%)



Cyan (71%)

Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7B7E 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 4A7B7E by changing the saturation by 10% instead.



4A7B7E



4A7B7E

FFFFFF



316265



7EB0B3



164A4D



98CBCE



003336



B4E7EA



001E21



D0FFFF



00000A



EDFFFF



000000



4A7B7E



4A7B7E



3D7A7E



577C7E



317A7E



637C7E

■ 24797E

■ 707D7E

■ 18787E

■ 7C7E7E

■ 0B777E

■ 897F7E

■ 00777E

■ 967F7E

■ A2807E

■ AF817E

■ BB827E

Harmonies

Analogous

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



527B6F



4A7B7E



4E798A

Triad

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



4A7B7E



836C84



817156

Complementary

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



4A7B7E



7E4D4A

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.



8C6C5C



4A7B7E



8E6977

Square

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



4A7B7E



71708D



916968



727658

Rectangle

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



4A7B7E



58778E



916968



856F58

Sweetspot

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



4A7B7E



90A2A3



4A7E4D



465152



D1D1D1



525252

Same Dimension

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



4A7B7E



529EA3



4A617E



393F40



007880



000000

Inverse Universe

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



7E4A7B



A3529E



7E674A



40393F



800078



000000

Previews

White Background



This preview shows how the Hex color 4A7B7E looks on a white background.

Color Contrast Check

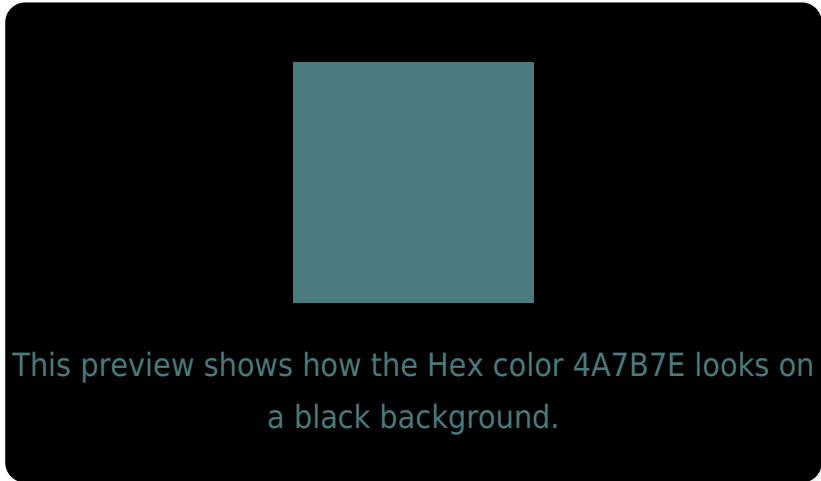
Large Text (above 18pt) WCAG AA ✓ Pass

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

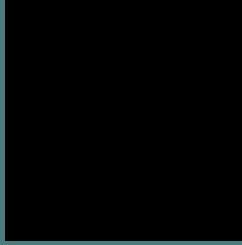
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

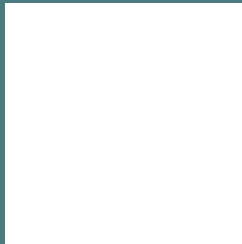
Any Text WCAG AAA × Fail

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

Hex 4A7B7E Background



This preview shows how black text looks on a background with the Hex color 4A7B7E.

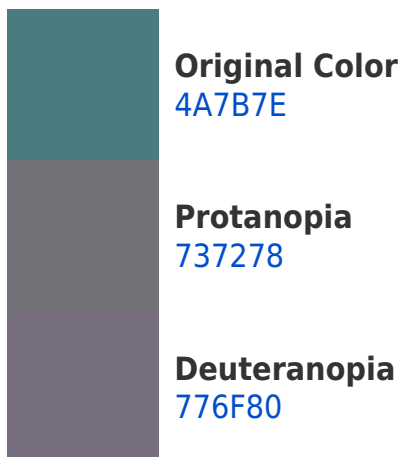



This preview shows how white text looks on a background with the Hex color 4A7B7E.

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](#).

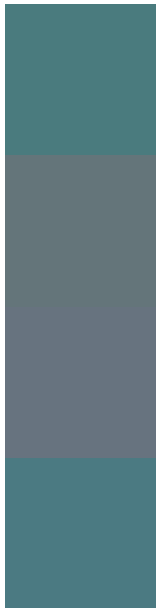
Dichromacy





Tritanopia
4C7A84

Trichromacy



Original Color
4A7B7E

Protanomaly
64757A

Deuteranomaly
67737F

Tritanomaly
4B7A82

Monochromacy



Original Color
4A7B7E

Achromatopsia
6D6D6D

Achromatomaly
607273

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7B7E 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 #4A7B7E looks like.

```
.text, #text, p{  
    color:#4A7B7E  
}
```

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 #4A7B7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7B7E
}
```

Border

The CSS property to change the border of an element to Hex 4A7B7E 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
#4A7B7E }
```

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

```
.border{ border-color:#4A7B7E }
```

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

Here you see how a box with a 4 pixel #4A7B7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7B7E; -webkit-box-shadow:4px 4px  
4px 4px #4A7B7E; box-shadow:4px 4px 4px  
4px #4A7B7E }
```

Background

The CSS property to change the background color of an element to Hex 4A7B7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7B7E }
```

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

```
.background{ background-color:#4A7B7E }
```

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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