

Converting Colors

Hex(4E7B8E)

Have a look what the booklet for
Hex(4E7B8E) contains.

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Color

Hex(4E7B8E)

Conversions

Conversions Part 1

Format	Color
Hex	4E7B8E
RGB	78, 123, 142
RGB Percent	31%, 48%, 56%
CMY	0.6941, 0.5176, 0.4431
CMYK	0.45, 0.13, 0.00, 0.44
HSL	198°, 29%, 43%
HSV	198°, 45%, 56%
XYZ	15.1073, 17.7386, 28.2188
YIQ	111.7110, -32.9190, -3.6310

Conversions

Conversions Part 2

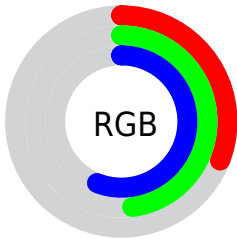
Format	Color
R_{YB}	78, 104, 142
Decimal	5143438
CIE _{Lab}	49.18, -10.09, -15.14
CIE _{LCh}	49, 18.195, 236.307
Yxy	17.7386, 0.2474, 0.2905
Android (android.graphics.Color)	4283333518 (0xFF4E7B8E)
YUV	111.7110, 14.9325, -29.5645
Hunter-Lab	42.1172, -9.6777, -10.2426

Details

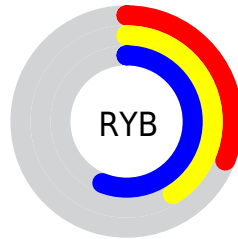
The Hex color **4E7B8E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8E614E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **82AFC4**, and **194A5C** is the 20% darker color. If you saturate the color by 10%, you get **40778E**, and if you desaturate by 10%, it is **5C7F8E**.

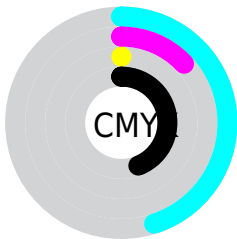
Distribution



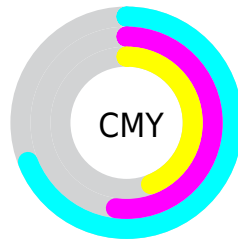
- Red (31%)
- Green (48%)
- Blue (56%)



- Red (31%)
- Yellow (41%)
- Blue (56%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7B8E 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 4E7B8E by changing the saturation by 10% instead.



4E7B8E



4E7B8E

FFFFFF



346274



82AFC4



194A5C



9DCBE0



003444



B9E7FC



001F2E



D5FFFF



00011A



F2FFFF



000000



4E7B8E



4E7B8E



40778E



5C7F8E



32738E



6A838E

■ 236E8E

■ 79888E

■ 156A8E

■ 878C8E

■ 07668E

■ 95908E

■ 00648E

■ A3948E

■ B1998E

■ C09D8E

■ CEA18E

Harmonies

Analogous

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



487D82



4E7B8E



607793

Triad

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



4E7B8E



926A77



727859

Complementary

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



4E7B8E



8E614E

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.



827356



4E7B8E



946B68

Square

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



4E7B8E



876D86



8E6E5C



607C63

Rectangle

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



4E7B8E



6E7392



8E6E5C



787757

Sweetspot

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



4E7B8E



9EB0B8



4E8E60



4C575C



DBDBDB



5C5C5C

Same Dimension

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



4E7B8E



549AB8



4E5C8E



404547



005F87



000508

Inverse Universe

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



8E4E7B



B8549A



8E804E



474045



87005F



080005

Previews

White Background



This preview shows how the Hex color 4E7B8E looks on a white background.

Color Contrast Check

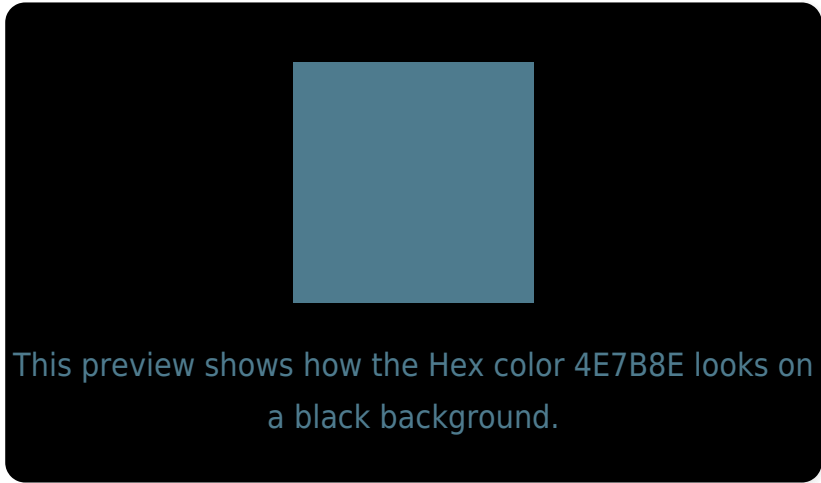
Large Text (above 18pt) WCAG AA ✓ Pass

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

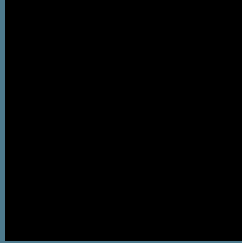
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 4E7B8E Background



This preview shows how black text looks on a background with the Hex color 4E7B8E.

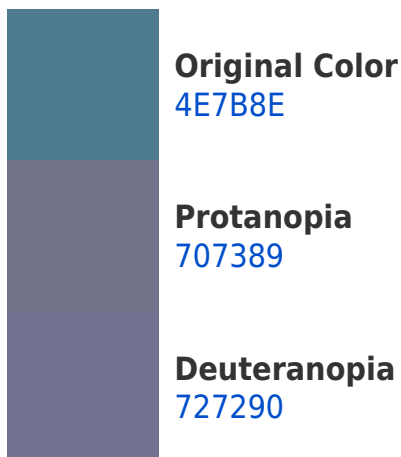


This preview shows how white text looks on a background with the Hex color 4E7B8E.

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](#).

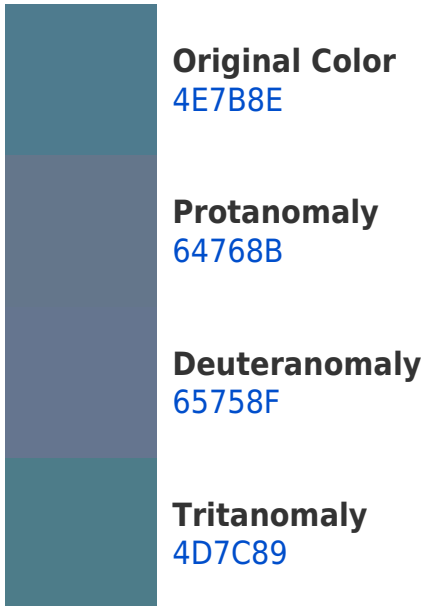
Dichromacy





Tritanopia
4C7C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7B8E 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 #4E7B8E looks like.

```
.text, #text, p{  
    color:#4E7B8E  
}
```

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 #4E7B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7B8E
}
```

Border

The CSS property to change the border of an element to Hex 4E7B8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

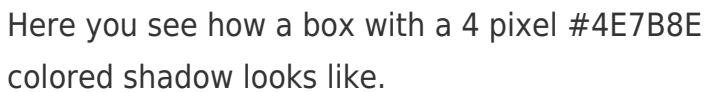
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E7B8E }
```

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

```
.border{ border-color:#4E7B8E }
```

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



Here you see how a box with a 4 pixel #4E7B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7B8E; -webkit-box-shadow:4px 4px  
4px 4px #4E7B8E; box-shadow:4px 4px 4px  
4px #4E7B8E }
```

Background

The CSS property to change the background color of an element to Hex 4E7B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7B8E }
```

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

```
.background{ background-color:#4E7B8E }
```

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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