

# Converting Colors

Hex(4E7B7A)

Have a look what the booklet for  
Hex(4E7B7A) contains.

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# Color

Hex(4E7B7A)

# Conversions

## Conversions Part 1

Format	Color
Hex	4E7B7A
RGB	78, 123, 122
RGB Percent	31%, 48%, 48%
CMY	0.6941, 0.5176, 0.5216
CMYK	0.37, 0.00, 0.01, 0.52
HSL	179°, 22%, 39%
HSV	179°, 37%, 48%
XYZ	13.7377, 17.1908, 21.0064
YIQ	109.4310, -26.4990, -9.8510

# Conversions

## Conversions Part 2

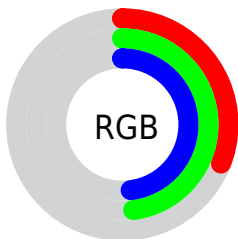
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 101, 123
Decimal	5143418
CIE Lab	48.50, -15.62, -4.36
CIE LCh	48, 16.213, 195.597
Yxy	17.1908, 0.2645, 0.3310
Android (android.graphics.Color)	4283333498 (0xFF4E7B7A)
YUV	109.4310, 6.1965, -27.5650
Hunter-Lab	41.4617, -13.4149, -1.0159

# Details

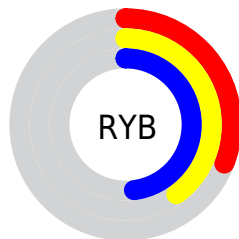
The Hex color **4E7B7A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B4E4F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **81B0AE**, and **1C4A49** is the 20% darker color. If you saturate the color by 10%, you get **427B7A**, and if you desaturate by 10%, it is **5A7B7A**.

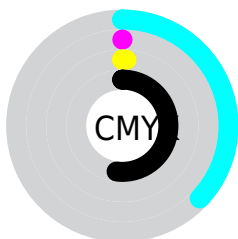
# Distribution



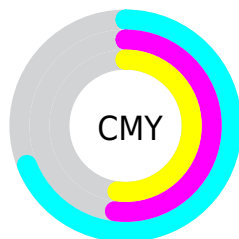
- Red (31%)
- Green (48%)
- Blue (48%)



- Red (31%)
- Yellow (40%)
- Blue (48%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (52%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E7B7A 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 4E7B7A by changing the saturation by 10% instead.





4E7B7A



4E7B7A

FFFFFF



356261



81B0AE



1C4A49



9CCBCA



003333



B7E7E6



001E1E



D3FFFF



000004



F0FFFF



000000



4E7B7A



4E7B7A



427B7A



5A7B7A



357B79



677B7B

■ 297B79

■ 737B7B

■ 1D7B79

■ 7F7B7B

■ 117B79

■ 8C7B7B

■ 047B78

■ 987B7C

■ 007B78

■ A47B7C

■ B07B7C

■ BD7B7C

# Harmonies

## Analogous

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



587B6C



4E7B7A



4F7A86

# Triad

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



4E7B7A



7E6D86



847059

# Complementary

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



4E7B7A



7B4E4F

# 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.



8D6C60



4E7B7A



8B6A7A

# Square

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



4E7B7A



6D728D



906A6C



767559

# Rectangle

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



4E7B7A



56788C



906A6C



876F5B



# Sweetspot

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



4E7B7A



8FA1A0



507B4E



475251



D1D1D1



525252



# Same Dimension

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



4E7B7A



5AA19F



4E667B



373D3D



007D7A



00FCF7



# Inverse Universe

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



7B4E4F



A15A5C



7B634E



3D3737



7D0003



FC0006



# Previews

## White Background



This preview shows how the Hex color 4E7B7A looks on a white background.

## Color Contrast Check

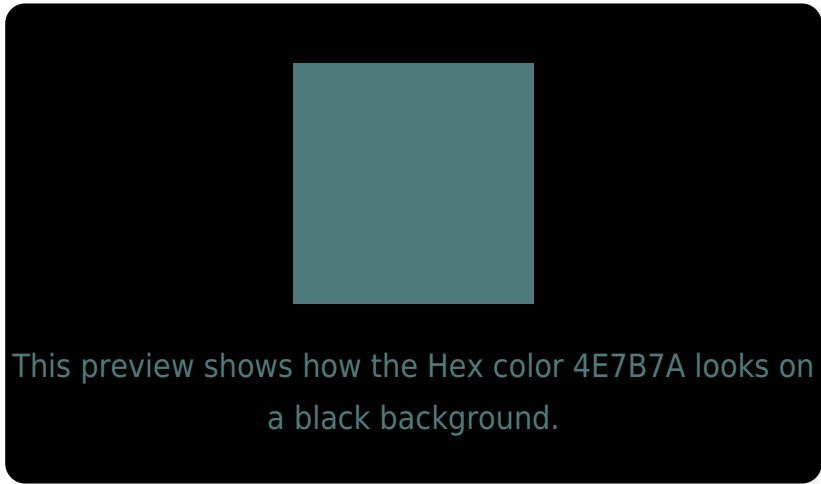
Large Text (above 18pt) WCAG AA ✓ Pass

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

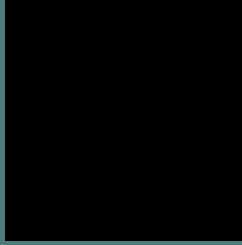
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E7B7A Background



This preview shows how black text looks on a background with the Hex color 4E7B7A.




This preview shows how white text looks on a background with the Hex color 4E7B7A.

# 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**  
507A83

# Trichromacy



**Original Color**  
4E7B7A

**Protanomaly**  
667577

**Deuteranomaly**  
69737B

**Tritanomaly**  
4F7A80

# Monochromacy



**Original Color**  
4E7B7A

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
627272

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E7B7A 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 #4E7B7A looks like.

```
.text, #text, p{  
    color:#4E7B7A  
}
```

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 #4E7B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7B7A
}
```

## Border

The CSS property to change the border of an element to Hex 4E7B7A 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
#4E7B7A }
```

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

```
.border{ border-color:#4E7B7A }
```

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

Here you see how a box with a 4 pixel #4E7B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7B7A; -webkit-box-shadow:4px 4px  
4px 4px #4E7B7A; box-shadow:4px 4px 4px  
4px #4E7B7A }
```

# Background

The CSS property to change the background color of an element to Hex 4E7B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7B7A }
```

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

```
.background{ background-color:#4E7B7A }
```

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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