

# Converting Colors

Hex(4E7C84)

Have a look what the booklet for  
Hex(4E7C84) contains.

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# Color

Hex(4E7C84)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E7C84
RGB	78, 124, 132
RGB Percent	31%, 49%, 52%
CMY	0.6941, 0.5137, 0.4824
CMYK	0.41, 0.06, 0.00, 0.48
HSL	189°, 26%, 41%
HSV	189°, 41%, 52%
XYZ	14.5144, 17.7009, 24.4814
YIQ	111.1580, -29.9840, -7.2640

# Conversions

## Conversions Part 2

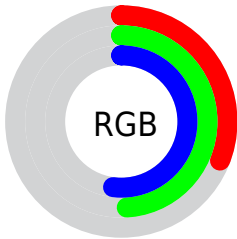
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 103, 132
Decimal	5143684
CIELab	49.13, -13.49, -9.32
CIELCh	49, 16.392, 214.650
Yxy	17.7009, 0.2560, 0.3122
Android (android.graphics.Color)	4283333764 (0xFF4E7C84)
YUV	111.1580, 10.2751, -29.0796
Hunter-Lab	42.0725, -12.0470, -5.0493

# Details

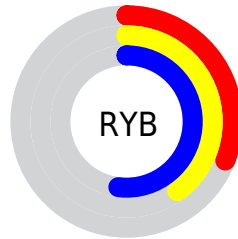
The Hex color **4E7C84** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84564E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **82B1B9**, and **1B4B53** is the 20% darker color. If you saturate the color by 10%, you get **417A84**, and if you desaturate by 10%, it is **5B7E84**.

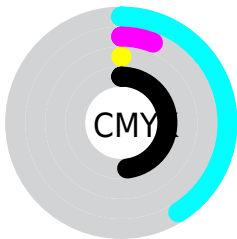
# Distribution



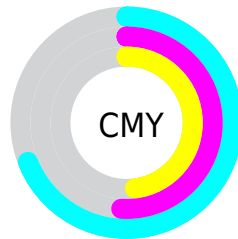
- Red (31%)
- Green (49%)
- Blue (52%)



- Red (31%)
- Yellow (40%)
- Blue (52%)



- Cyan (41%)
- Magenta (6%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (51%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E7C84 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 4E7C84 by changing the saturation by 10% instead.





4E7C84



4E7C84

FFFFFF



35636B



82B1B9



1B4B53



9DCCD5



00343C



B8E8F1



001F26



D4FFFF



000111



F1FFFF



000000



4E7C84



4E7C84



417A84



5B7E84



347884



688084

■ 267684

■ 768284

■ 197484

■ 838484

■ 0C7284

■ 908684

■ 007084

■ 9D8884

■ AA8A84

■ B88C84

■ C58E84

# Harmonies

## Analogous

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



527D76



4E7C84



56798D

# Triad

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



4E7C84



896C81



7D7559

# Complementary

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



4E7C84



84564E

# 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.



8A705C



4E7C84



916B73

# Square

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



4E7C84



7A708C



916C66



6E795E

# Rectangle

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



4E7C84



617790



916C66



827359



# Sweetspot

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



4E7C84



96A8AB



4E8455



4B5557



D6D6D6



575757



# Same Dimension

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



4E7C84



579EAB



4E6284



3C4142



006F82



000203



# Inverse Universe

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



844E7C



AB579E



84704E



423C41



82006F

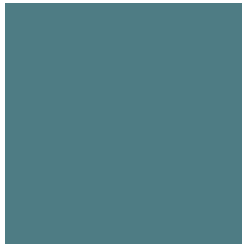


030002



# Previews

## White Background



This preview shows how the Hex color 4E7C84 looks on a white background.

## Color Contrast Check

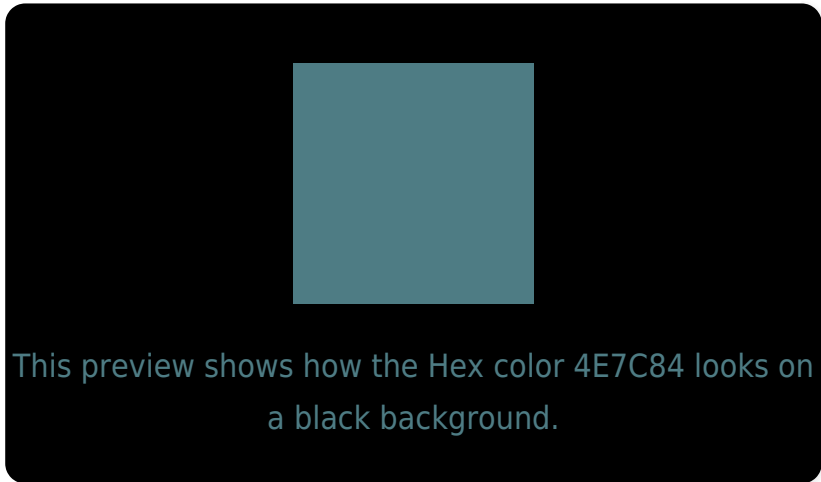
Large Text (above 18pt) WCAG AA ✓ Pass

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

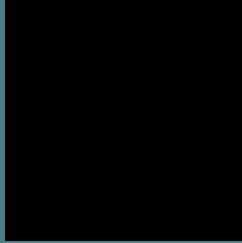
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4E7C84 Background



This preview shows how black text looks on a background with the Hex color 4E7C84.

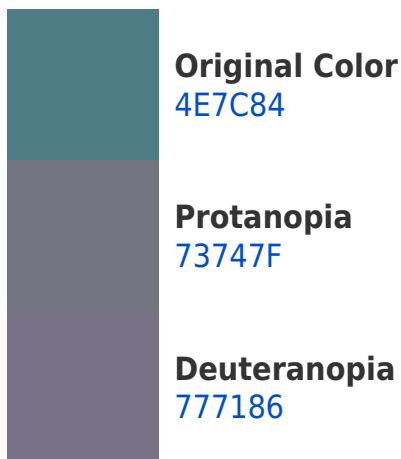


This preview shows how white text looks on a background with the Hex color 4E7C84.

# 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](#).

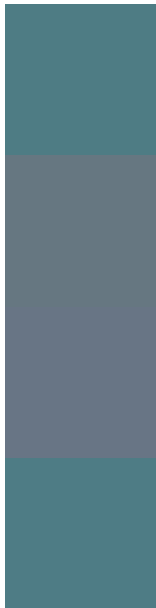
## Dichromacy





**Tritanopia**  
4E7C86

# Trichromacy



**Original Color**  
4E7C84

**Protanomaly**  
667781

**Deuteranomaly**  
687585

**Tritanomaly**  
4E7C85

# Monochromacy



**Original Color**  
4E7C84

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
637477

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E7C84 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 #4E7C84 looks like.

```
.text, #text, p{  
    color:#4E7C84  
}
```

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 #4E7C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7C84
}
```

## Border

The CSS property to change the border of an element to Hex 4E7C84 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
#4E7C84 }
```

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

```
.border{ border-color:#4E7C84 }
```

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

Here you see how a box with a 4 pixel #4E7C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7C84; -webkit-box-shadow:4px 4px  
4px 4px #4E7C84; box-shadow:4px 4px 4px  
4px #4E7C84 }
```

# Background

The CSS property to change the background color of an element to Hex 4E7C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7C84 }
```

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

```
.background{ background-color:#4E7C84 }
```

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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