

Converting Colors

Hex(4E7C86)

Have a look what the booklet for
Hex(4E7C86) contains.

Hex(4E7C86)	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(4E7C86)

Conversions

Conversions Part 1

Format	Color
Hex	4E7C86
RGB	78, 124, 134
RGB Percent	31%, 49%, 53%
CMY	0.6941, 0.5137, 0.4745
CMYK	0.42, 0.07, 0.00, 0.47
HSL	191°, 26%, 42%
HSV	191°, 42%, 53%
XYZ	14.6526, 17.7562, 25.2093
YIQ	111.3860, -30.6260, -6.6420

Conversions

Conversions Part 2

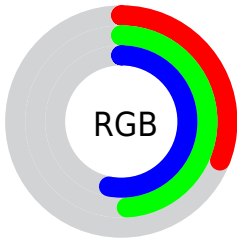
Format	Color
RYB	78, 103, 134
Decimal	5143686
CIELab	49.20, -12.93, -10.40
CIELCh	49, 16.593, 218.799
Yxy	17.7562, 0.2543, 0.3082
Android (android.graphics.Color)	4283333766 (0xFF4E7C86)
YUV	111.3860, 11.1487, -29.2795
Hunter-Lab	42.1381, -11.6723, -5.9737

Details

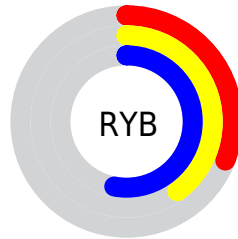
The Hex color **4E7C86** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86584E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **82B1BB**, and **1A4B54** is the 20% darker color. If you saturate the color by 10%, you get **417A86**, and if you desaturate by 10%, it is **5B7E86**.

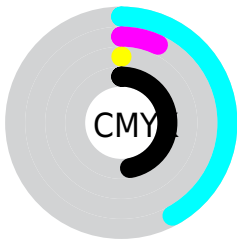
Distribution



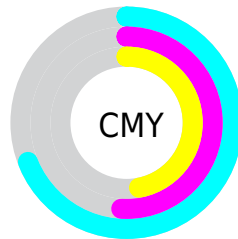
- Red (31%)
- Green (49%)
- Blue (53%)



- Red (31%)
- Yellow (40%)
- Blue (53%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7C86 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 4E7C86 by changing the saturation by 10% instead.

■ 4E7C86

■ 4E7C86

FFFFFF

■ 35636D

■ 82B1BB

■ 1A4B54

■ 9DCCD7

■ 00343D

■ B8E8F3

■ 001F27

■ D5FFFF

■ 000113

■ F1FFFF

■ 000000

■ 4E7C86

■ 4E7C86

■ 417A86

■ 5B7E86

■ 337786

■ 698186

■ 267586

■ 768386

■ 187286

■ 848686

■ 0B7086

■ 918886

■ 006E86

■ 9E8A86

■ AC8D86

■ B98F86

■ C79286

Harmonies

Analogous

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



507D79



4E7C86



58798F

Triad

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



4E7C86



8B6C7F



7B7559

Complementary

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



4E7C86



86584E

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.



88715B



4E7C86



926B71

Square

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



4E7C86



7C708B



906D64



6C795F

Rectangle

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



4E7C86



647691



906D64



807459

Sweetspot

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



4E7C86



97A9AD



4E8657



495457



D6D6D6



575757

Same Dimension

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



4E7C86



579EAD



4E6186



3C4142



006B82



000203

Inverse Universe

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



864E7C



AD579E



86734E



423C41



82006B



030002

Previews

White Background



This preview shows how the Hex color 4E7C86 looks on a white background.

Color Contrast Check

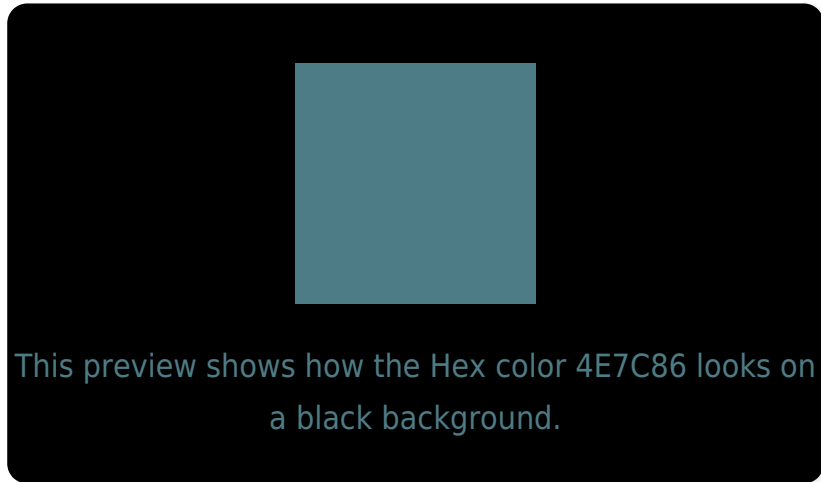
Large Text (above 18pt) WCAG AA ✓ Pass

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

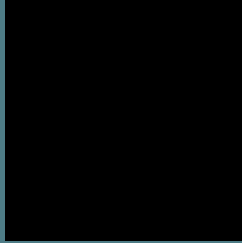
Any Text WCAG AA ✓ Pass

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 4E7C86 Background



This preview shows how black text looks on a background with the Hex color 4E7C86.

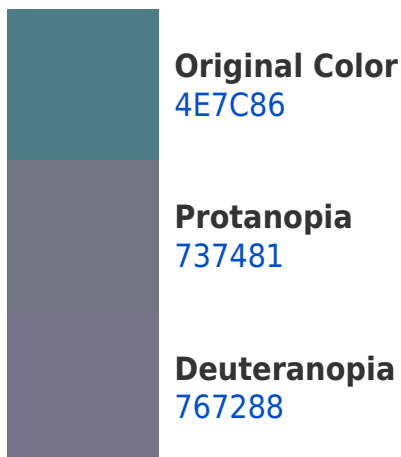


This preview shows how white text looks on a background with the Hex color 4E7C86.

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
4E7C86

Protanomaly
667783

Deuteranomaly
677687

Tritanomaly
4E7C86

Monochromacy



Original Color
4E7C86

Achromatopsia
6F6F6F

Achromatomaly
637477

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7C86 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 #4E7C86 looks like.

```
.text, #text, p{  
    color:#4E7C86  
}
```

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 #4E7C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7C86
}
```

Border

The CSS property to change the border of an element to Hex 4E7C86 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
#4E7C86 }
```

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

```
.border{ border-color:#4E7C86 }
```

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

Here you see how a box with a 4 pixel #4E7C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7C86; -webkit-box-shadow:4px 4px  
4px 4px #4E7C86; box-shadow:4px 4px 4px  
4px #4E7C86 }
```

Background

The CSS property to change the background color of an element to Hex 4E7C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7C86 }
```

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

```
.background{ background-color:#4E7C86 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor