

Converting Colors

Hex(4E7E91)

Have a look what the booklet for
Hex(4E7E91) contains.

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Color

Hex(4E7E91)

Conversions

Conversions Part 1

Format	Color
Hex	4E7E91
RGB	78, 126, 145
RGB Percent	31%, 49%, 57%
CMY	0.6941, 0.5059, 0.4314
CMYK	0.46, 0.13, 0.00, 0.43
HSL	197°, 30%, 44%
HSV	197°, 46%, 57%
XYZ	15.7136, 18.5857, 29.5473
YIQ	113.8140, -34.7070, -4.2670

Conversions

Conversions Part 2

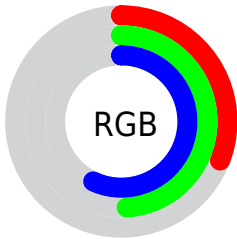
Format	Color
R_{YB}	78, 106, 145
Decimal	5144209
CIE Lab	50.20, -10.92, -15.35
CIE LCh	50, 18.836, 234.566
Yxy	18.5857, 0.2461, 0.2911
Android (android.graphics.Color)	4283334289 (0xFF4E7E91)
YUV	113.8140, 15.3747, -31.4089
Hunter-Lab	43.1112, -10.3832, -10.4580

Details

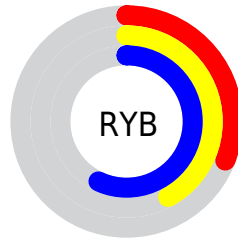
The Hex color **4E7E91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **91614E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **83B3C7**, and **184D5F** is the 20% darker color. If you saturate the color by 10%, you get **407A91**, and if you desaturate by 10%, it is **5D8291**.

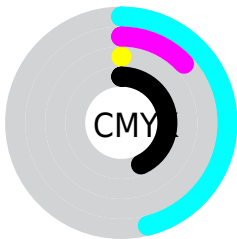
Distribution



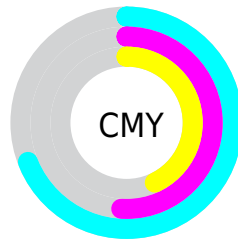
- Red (31%)
- Green (49%)
- Blue (57%)



- Red (31%)
- Yellow (42%)
- Blue (57%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (43%)



- Cyan (69%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7E91 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 4E7E91 by changing the saturation by 10% instead.

■ 4E7E91

■ 4E7E91

FFFFFF

■ 346577

■ 83B3C7

■ 184D5F

■ 9ECEEE3

■ 003647

■ BAEAFF

■ 002130

■ D6FFFF

■ 00031C

■ F3FFFF

■ 000000

■ 4E7E91

■ 4E7E91

■ 407A91

■ 5D8291

■ 317691

■ 6B8691

■ 237291

■ 7A8A91

■ 146E91

■ 888E91

■ 066991

■ 979391

■ 006891

■ A59791

■ B49B91

■ C29F91

■ D1A391

Harmonies

Analogous

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



498084



4E7E91



607A97

Triad

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



4E7E91



956C7B



757A5A

Complementary

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



4E7E91



91614E

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.



867558



4E7E91



986D6B

Square

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



4E7E91



896F8A



93705E



637E64

Rectangle

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



4E7E91



6F7696



93705E



7B7958

Sweetspot

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



4E7E91



A2B5BD



4E9161



4E5A5E



DEDEDE



5E5E5E

Same Dimension

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



4E7E91



559FBD



4E5D91



404547



006187



000508

Inverse Universe

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



914E7E



BD559F



91824E



474045



870061



080005

Previews

White Background



This preview shows how the Hex color 4E7E91 looks on a white background.

Color Contrast Check

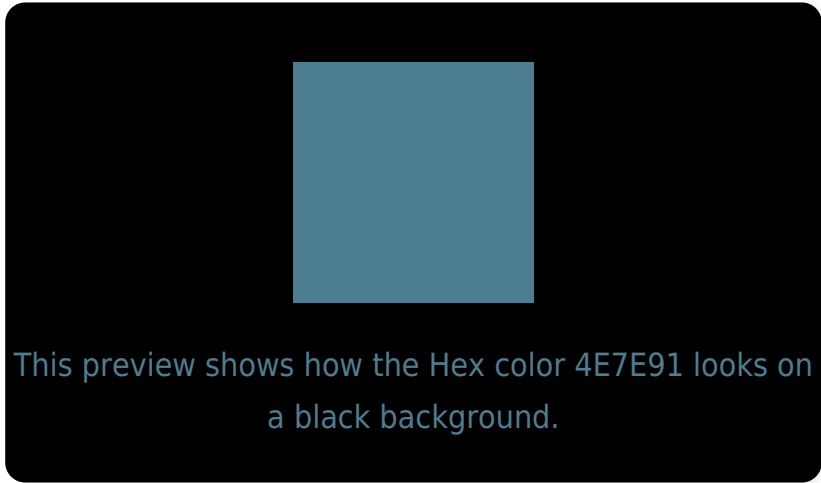
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

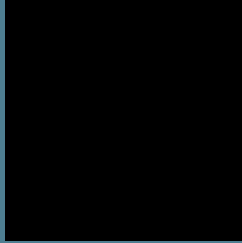
Any Text WCAG AA ✓ Pass

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 4E7E91 Background



This preview shows how black text looks on a background with the Hex color 4E7E91.

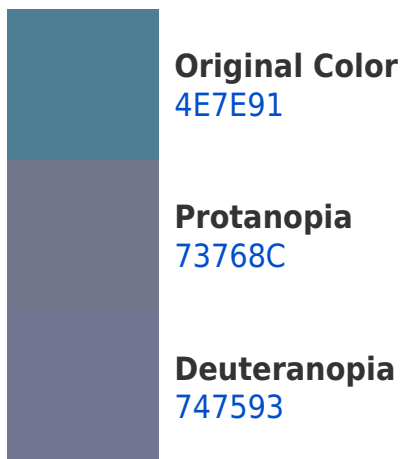


This preview shows how white text looks on a background with the Hex color 4E7E91.

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
4C7F8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7E91 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 #4E7E91 looks like.

```
.text, #text, p{  
    color:#4E7E91  
}
```

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 #4E7E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7E91
}
```

Border

The CSS property to change the border of an element to Hex 4E7E91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

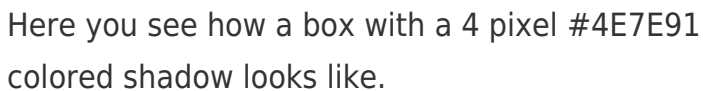
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E7E91 }
```

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

```
.border{ border-color:#4E7E91 }
```

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



Here you see how a box with a 4 pixel #4E7E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7E91; -webkit-box-shadow:4px 4px  
4px 4px #4E7E91; box-shadow:4px 4px 4px  
4px #4E7E91 }
```

Background

The CSS property to change the background color of an element to Hex 4E7E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7E91 }
```

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

```
.background{ background-color:#4E7E91 }
```

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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