

Converting Colors

Hex(4E6C7F)

Have a look what the booklet for
Hex(4E6C7F) contains.

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Color

Hex(4E6C7F)

Conversions

Conversions Part 1

Format	Color
Hex	4E6C7F
RGB	78, 108, 127
RGB Percent	31%, 42%, 50%
CMY	0.6941, 0.5765, 0.5020
CMYK	0.39, 0.15, 0.00, 0.50
HSL	203°, 24%, 40%
HSV	203°, 39%, 50%
XYZ	12.3352, 13.8771, 22.1071
YIQ	101.1960, -23.9790, -0.4510

Conversions

Conversions Part 2

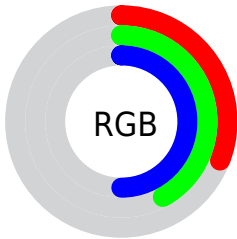
Format	Color
R_{YB}	78, 97, 127
Decimal	5139583
CIE _{Lab}	44.06, -5.72, -14.00
CIE _{LCh}	44, 15.126, 247.797
Yxy	13.8771, 0.2553, 0.2872
Android (android.graphics.Color)	4283329663 (0xFF4E6C7F)
YUV	101.1960, 12.7214, -20.3429
Hunter-Lab	37.2520, -6.0846, -9.1090

Details

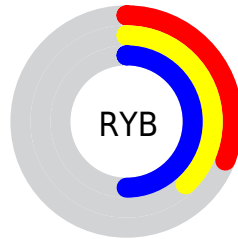
The Hex color **4E6C7F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F614E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **819FB4**, and **1D3D4E** is the 20% darker color. If you saturate the color by 10%, you get **41677F**, and if you desaturate by 10%, it is **5B717F**.

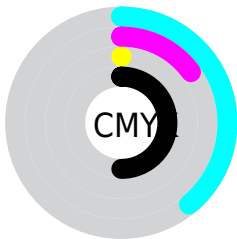
Distribution



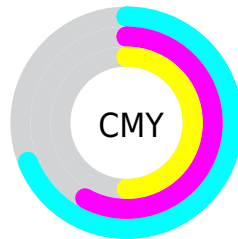
- Red (31%)
- Green (42%)
- Blue (50%)



- Red (31%)
- Yellow (38%)
- Blue (50%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (50%)



- Cyan (69%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6C7F 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 4E6C7F by changing the saturation by 10% instead.

■ 4E6C7F

■ 4E6C7F

FFFFFF

■ 365466

■ 819FB4

■ 1D3D4E

■ 9BBACF

■ 022737

■ B7D6EC

■ 001322

■ D3F2FF

■ 000009

■ EFFFFFF

■ 000000

■ 4E6C7F

■ 4E6C7F

■ 41677F

■ 5B717F

■ 35627F

■ 67767F

■ 285D7F

■ 747B7F

■ 1B587F

■ 81807F

■ 0F537F

■ 8E857F

■ 024E7F

■ 9A8A7F

■ 004E7F

■ A78E7F

■ B4937F

■ C0987F

Harmonies

Analogous

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



456F77



4E6C7F



5E6881

Triad

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



4E6C7F



825F65



606C54

Complementary

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



4E6C7F



7F614E

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.



6E684F



4E6C7F



816159

Square

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



4E6C7F



7B6072



7A6451



526E5E

Rectangle

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



4E6C7F



69657E



7A6451



656B52

Sweetspot

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



4E6C7F



929EA6



4E7F61



485054



D4D4D4



545454

Same Dimension

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



4E6C7F



5A88A6



4E547F



393D40



004E80



000000

Inverse Universe

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



7F4E6C



A65A88



7F794E



40393D



80004E



000000

Previews

White Background



This preview shows how the Hex color 4E6C7F looks on a white background.

Color Contrast Check

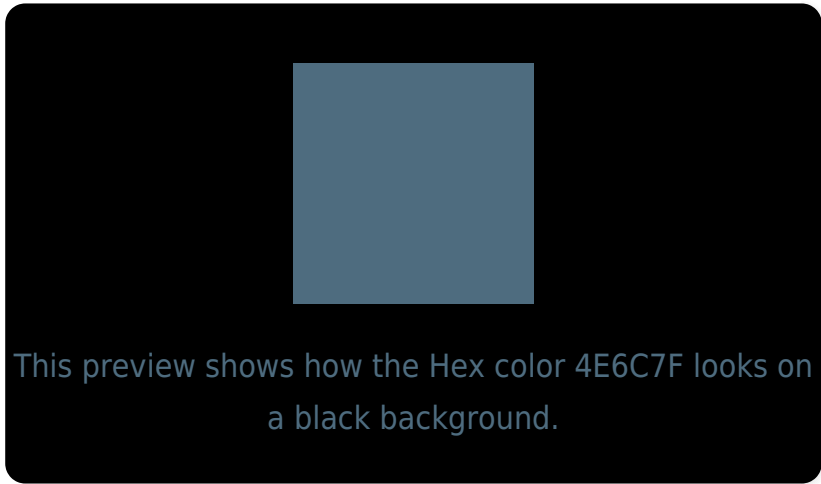
Large Text (above 18pt) WCAG AA ✓ Pass

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

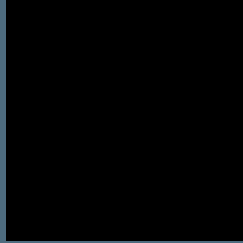
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

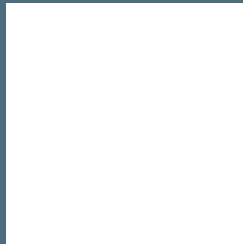
Any Text WCAG AAA × Fail

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

Hex 4E6C7F Background



This preview shows how black text looks on a background with the Hex color 4E6C7F.

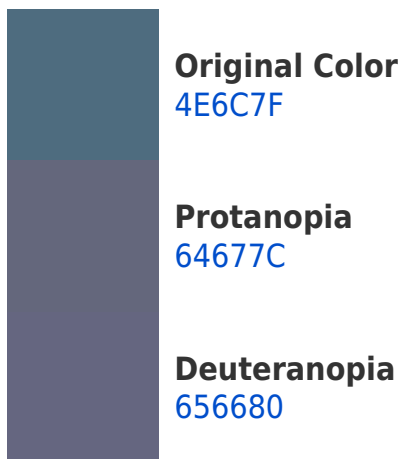



This preview shows how white text looks on a background with the Hex color 4E6C7F.

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
4C6D76

Trichromacy



Original Color
4E6C7F

Protanomaly
5C697D

Deuteranomaly
5D6880

Tritanomaly
4D6D79

Monochromacy



Original Color
4E6C7F

Achromatopsia
656565

Achromatomaly
5D686E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6C7F 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 #4E6C7F looks like.

```
.text, #text, p{  
    color:#4E6C7F  
}
```

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 #4E6C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6C7F
}
```

Border

The CSS property to change the border of an element to Hex 4E6C7F 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
#4E6C7F }
```

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

```
.border{ border-color:#4E6C7F }
```

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

Here you see how a box with a 4 pixel #4E6C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6C7F; -webkit-box-shadow:4px 4px  
4px 4px #4E6C7F; box-shadow:4px 4px 4px  
4px #4E6C7F }
```

Background

The CSS property to change the background color of an element to Hex 4E6C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6C7F }
```

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

```
.background{ background-color:#4E6C7F }
```

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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