

Converting Colors

Hex(4E6F7D)

Have a look what the booklet for
Hex(4E6F7D) contains.

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Color

Hex(4E6F7D)

Conversions

Conversions Part 1

Format	Color
Hex	4E6F7D
RGB	78, 111, 125
RGB Percent	31%, 44%, 49%
CMY	0.6941, 0.5647, 0.5098
CMYK	0.38, 0.11, 0.00, 0.51
HSL	198°, 23%, 40%
HSV	198°, 38%, 49%
XYZ	12.5280, 14.4692, 21.5346
YIQ	102.7290, -24.1620, -2.6420

Conversions

Conversions Part 2

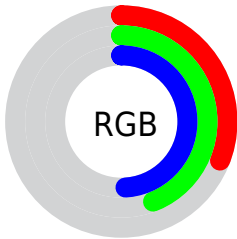
Format	Color
RYB	78, 97, 125
Decimal	5140349
CIELab	44.90, -8.03, -11.53
CIELCh	45, 14.052, 235.126
Yxy	14.4692, 0.2581, 0.2981
Android (android.graphics.Color)	4283330429 (0xFF4E6F7D)
YUV	102.7290, 10.9796, -21.6873
Hunter-Lab	38.0385, -7.7782, -6.9387

Details

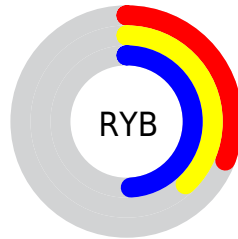
The Hex color **4E6F7D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D5C4E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **81A3B2**, and **1D3F4C** is the 20% darker color. If you saturate the color by 10%, you get **426B7D**, and if you desaturate by 10%, it is **5A737D**.

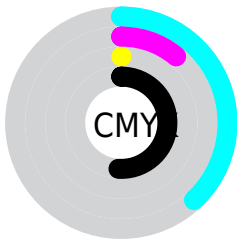
Distribution



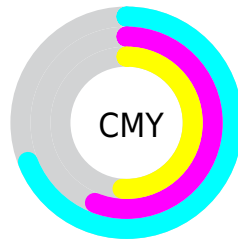
- Red (31%)
- Green (44%)
- Blue (49%)



- Red (31%)
- Yellow (38%)
- Blue (49%)



- Cyan (38%)
- Magenta (11%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E6F7D 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 4E6F7D by changing the saturation by 10% instead.

■ 4E6F7D

■ 4E6F7D

FFFFFF

■ 365764

■ 81A3B2

■ 1D3F4C

■ 9BBECD

■ 032935

■ B7D9E9

■ 001520

■ D3F6FF

■ 000007

■ EFFFFFF

■ 000000

■ 4E6F7D

■ 4E6F7D

■ 426B7D

■ 5A737D

■ 35687D

■ 67767D

■ 29647D

■ 747A7D

■ 1C607D

■ 807E7D

■ 105C7D

■ 8D827D

■ 03597D

■ 99857D

■ 00587D

■ A6897D

■ B28D7D

■ BF917D

Harmonies

Analogous

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



4A7174



4E6F7D



5A6C81

Triad

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



4E6F7D



80626D



696D55

Complementary

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



4E6F7D



7D5C4E

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.



756953



4E6F7D



836261

Square

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



4E6F7D



786478



7E6557



5B6F5D

Rectangle

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



4E6F7D



656981



7E6557



6D6B54

Sweetspot

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



4E6F7D



919EA3



4E7D5B



474E52



D1D1D1



525252

Same Dimension

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



4E6F7D



5A8DA3



4E587D



393E40



005A80



000000

Inverse Universe

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



7D4E6F



A35A8D



7D734E



40393E



80005A



000000

Previews

White Background



This preview shows how the Hex color 4E6F7D looks on a white background.

Color Contrast Check

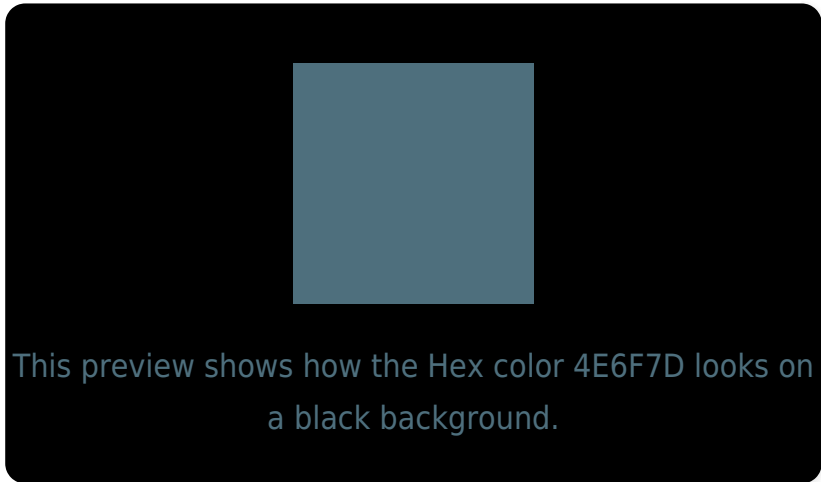
Large Text (above 18pt) WCAG AA ✓ Pass

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

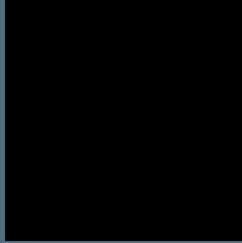
Any Text WCAG AA × Fail

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 4E6F7D Background



This preview shows how black text looks on a background with the Hex color 4E6F7D.

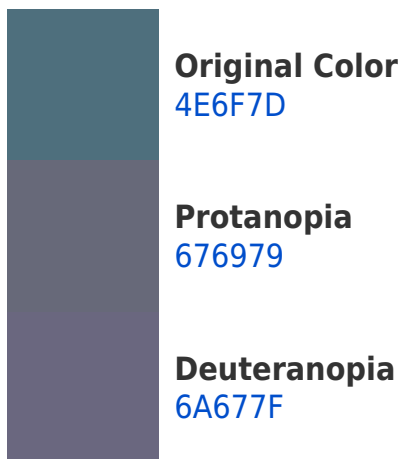


This preview shows how white text looks on a background with the Hex color 4E6F7D.

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](#).

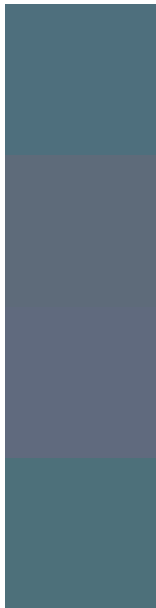
Dichromacy





Tritanopia
4D7079

Trichromacy



Original Color
4E6F7D

Protanomaly
5E6B7A

Deuteranomaly
606A7E

Tritanomaly
4D707A

Monochromacy



Original Color
4E6F7D

Achromatopsia
676767

Achromatomaly
5E6A6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E6F7D 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 #4E6F7D looks like.

```
.text, #text, p{  
    color:#4E6F7D  
}
```

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 #4E6F7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E6F7D
}
```

Border

The CSS property to change the border of an element to Hex 4E6F7D 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
#4E6F7D }
```

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

```
.border{ border-color:#4E6F7D }
```

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

Here you see how a box with a 4 pixel #4E6F7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E6F7D; -webkit-box-shadow:4px 4px  
4px 4px #4E6F7D; box-shadow:4px 4px 4px  
4px #4E6F7D }
```

Background

The CSS property to change the background color of an element to Hex 4E6F7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E6F7D }
```

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

```
.background{ background-color:#4E6F7D }
```

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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