

Converting Colors

Hex(4E7985)

Have a look what the booklet for
Hex(4E7985) contains.

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Color

Hex(4E7985)

Conversions

Conversions Part 1

Format	Color
Hex	4E7985
RGB	78, 121, 133
RGB Percent	31%, 47%, 52%
CMY	0.6941, 0.5255, 0.4784
CMYK	0.41, 0.09, 0.00, 0.48
HSL	193°, 26%, 41%
HSV	193°, 41%, 52%
XYZ	14.2129, 16.9879, 24.7202
YIQ	109.5110, -29.4800, -5.3840

Conversions

Conversions Part 2

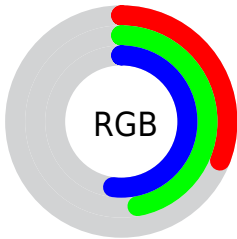
Format	Color
R_{YB}	78, 102, 133
Decimal	5142917
CIE _{Lab}	48.24, -11.53, -11.24
CIE _{LCh}	48, 16.102, 224.284
Yxy	16.9879, 0.2542, 0.3038
Android (android.graphics.Color)	4283332997 (0xFF4E7985)
YUV	109.5110, 11.5801, -27.6351
Hunter-Lab	41.2164, -10.5754, -6.7087

Details

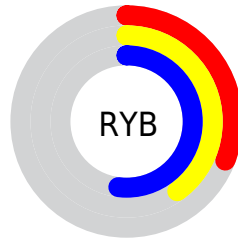
The Hex color **4E7985** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **855A4E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **82ADBA**, and **1B4854** is the 20% darker color. If you saturate the color by 10%, you get **417685**, and if you desaturate by 10%, it is **5B7C85**.

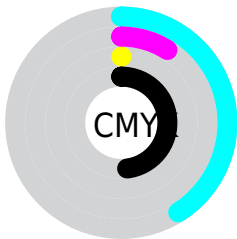
Distribution



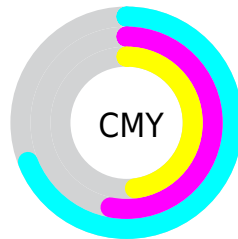
- Red (31%)
- Green (47%)
- Blue (52%)



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



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7985 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 4E7985 by changing the saturation by 10% instead.



4E7985



4E7985

FFFFFF



35606C



82ADBA



1B4854



9DC9D6



00323C



B8E5F2



001D27



D4FFFF



000112



F1FFFF



000000



4E7985



4E7985



417685



5B7C85



337385



697F85

267085

768285

196D85

838585

0B6A85

918885

006885

9E8A85

AB8D85

B89085

C69385

Harmonies

Analogous

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



4E7A79



4E7985



5A768C

Triad

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



4E7985



896A7A



767458

Complementary

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



4E7985



855A4E

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.



836F59



4E7985



8F696C

Square

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



4E7985



7D6D86



8C6B60



67775F

Rectangle

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



4E7985



65738D



8C6B60



7B7257

Sweetspot

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



4E7985



99A9AD



4E855A



4B5457



D6D6D6



575757

Same Dimension

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



4E7985



579AAD



4E5E85



3C4142



006682



000203

Inverse Universe

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



854E79



AD579A



85754E



423C41



820066



030002

Previews

White Background



This preview shows how the Hex color 4E7985 looks on a white background.

Color Contrast Check

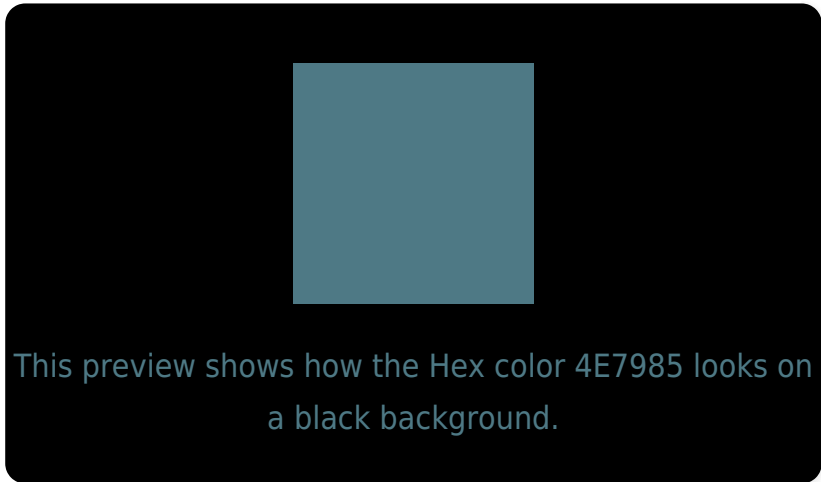
Large Text (above 18pt) WCAG AA ✓ Pass

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

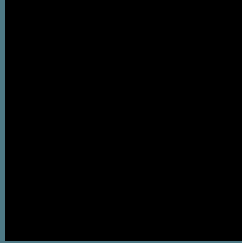
Any Text WCAG AA × Fail

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 4E7985 Background



This preview shows how black text looks on a background with the Hex color 4E7985.

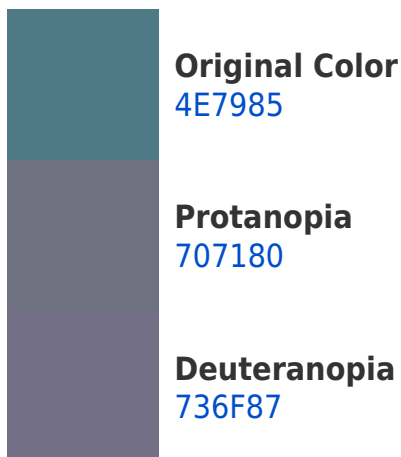


This preview shows how white text looks on a background with the Hex color 4E7985.

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](#).

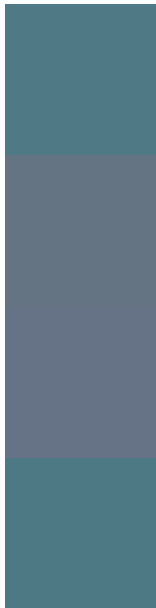
Dichromacy





Tritanopia
4D7983

Trichromacy



Original Color
4E7985

Protanomaly
647482

Deuteranomaly
667386

Tritanomaly
4D7984

Monochromacy



Original Color
4E7985

Achromatopsia
6E6E6E

Achromatomaly
627276

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7985 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 #4E7985 looks like.

```
.text, #text, p{  
    color:#4E7985  
}
```

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 #4E7985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7985
}
```

Border

The CSS property to change the border of an element to Hex 4E7985 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".

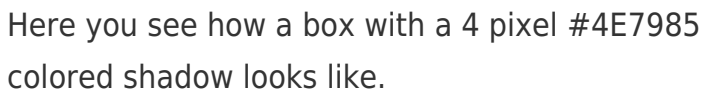
```
.border, #border, table{ border:4px solid
#4E7985 }
```

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

```
.border{ border-color:#4E7985 }
```

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

Here you see how a box with a 4 pixel #4E7985 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7985; -webkit-box-shadow:4px 4px  
4px 4px #4E7985; box-shadow:4px 4px 4px  
4px #4E7985 }
```

Background

The CSS property to change the background color of an element to Hex 4E7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7985 }
```

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

```
.background{ background-color:#4E7985 }
```

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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