

Converting Colors

Hex(4E757A)

Have a look what the booklet for
Hex(4E757A) contains.

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Color

Hex(4E757A)

Conversions

Conversions Part 1

Format	Color
Hex	4E757A
RGB	78, 117, 122
RGB Percent	31%, 46%, 48%
CMY	0.6941, 0.5412, 0.5216
CMYK	0.36, 0.04, 0.00, 0.52
HSL	187°, 22%, 39%
HSV	187°, 36%, 48%
XYZ	13.0160, 15.7474, 20.7659
YIQ	105.9090, -24.8490, -6.7130

Conversions

Conversions Part 2

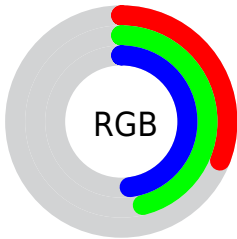
Format	Color
RYB	78, 99, 122
Decimal	5141882
CIELab	46.64, -12.28, -7.12
CIELCh	47, 14.199, 210.096
Yxy	15.7474, 0.2628, 0.3179
Android (android.graphics.Color)	4283331962 (0xFF4E757A)
YUV	105.9090, 7.9329, -24.4762
Hunter-Lab	39.6830, -10.8973, -3.2480

Details

The Hex color **4E757A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A534E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **81A9AE**, and **1D4549** is the 20% darker color. If you saturate the color by 10%, you get **42747A**, and if you desaturate by 10%, it is **5A767A**.

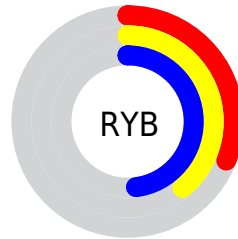
Distribution



Red (31%)

Green (46%)

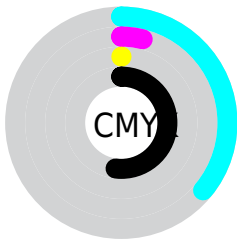
Blue (48%)



Red (31%)

Yellow (39%)

Blue (48%)

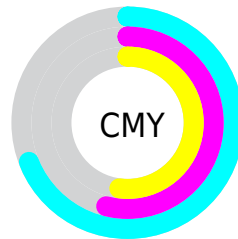


Cyan (36%)

Magenta (4%)

Yellow (0%)

Black (52%)



Cyan (69%)

Magenta (54%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E757A 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 4E757A by changing the saturation by 10% instead.

■ 4E757A

■ 4E757A

FFFFFF

■ 365C61

■ 81A9AE

■ 1D4549

■ 9CC4CA

■ 022E33

■ B7E0E6

■ 001A1E

■ D3FDFF

■ 000003

■ EFFFFFF

■ 000000

■ 4E757A

■ 4E757A

■ 42747A

■ 5A767A

■ 36727A

■ 66787A

■ 29717A

■ 73797A

■ 1D6F7A

■ 7F7B7A

■ 116E7A

■ 8B7C7A

■ 056D7A

■ 977D7A

■ 006C7A

■ A37F7A

■ B0807A

■ BC817A

Harmonies

Analogous

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



52756E



4E757A



547383

Triad

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



4E757A



7E687B



786E57

Complementary

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



4E757A



7A534E

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.



826A5A



4E757A



86666F

Square

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



4E757A



716B83



876763



6B715A

Rectangle

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



4E757A



5C7186



876763



7C6C57

Sweetspot

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



4E757A



8D9C9E



4E7A52



454E4F



CFCFCF



4F4F4F

Same Dimension

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



4E757A



5A969E



4E607A



373D3D



006F7D



00E0FC

Inverse Universe

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



7A4E75



9E5A96



7A684E



3D373D



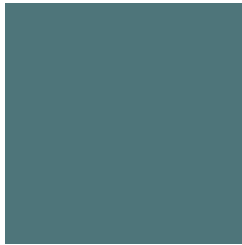
7D006F



FC00E0

Previews

White Background



This preview shows how the Hex color 4E757A looks on a white background.

Color Contrast Check

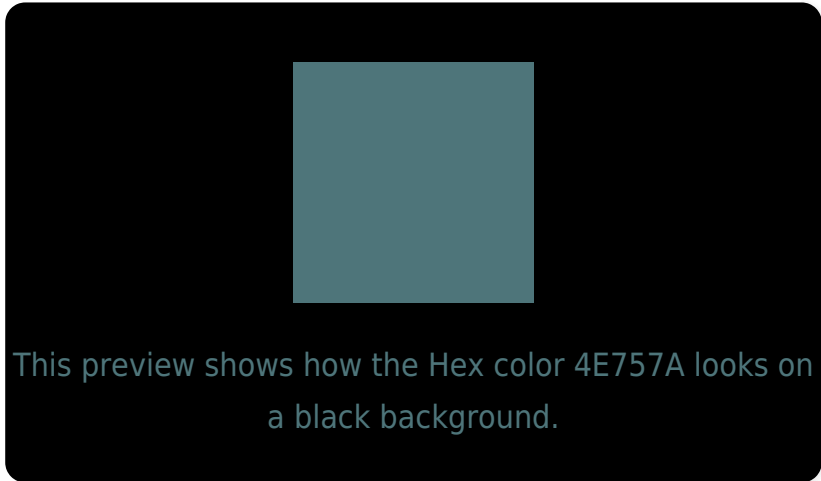
Large Text (above 18pt) WCAG AA ✓ Pass

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

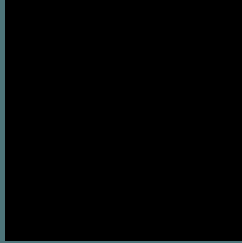
Any Text WCAG AA × Fail

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 4E757A Background



This preview shows how black text looks on a background with the Hex color 4E757A.

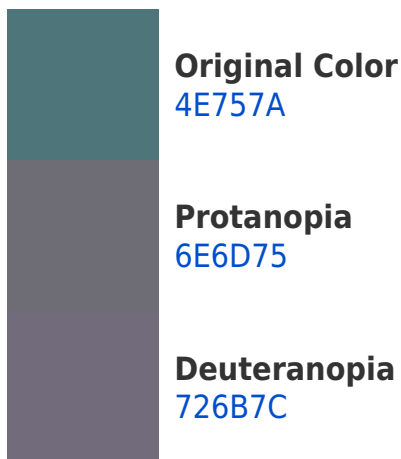


This preview shows how white text looks on a background with the Hex color 4E757A.

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](#).

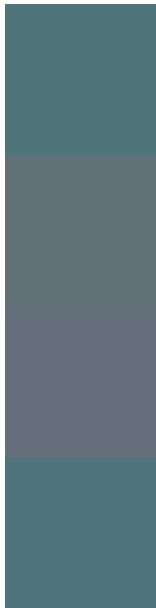
Dichromacy





Tritanopia
4F747E

Trichromacy



Original Color
4E757A

Protanomaly
627077

Deuteranomaly
656F7B

Tritanomaly
4F747D

Monochromacy



Original Color
4E757A

Achromatopsia
6A6A6A

Achromatomaly
606E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E757A 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 #4E757A looks like.

```
.text, #text, p{  
    color:#4E757A  
}
```

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 #4E757A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E757A
}
```

Border

The CSS property to change the border of an element to Hex 4E757A 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
#4E757A }
```

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

```
.border{ border-color:#4E757A }
```

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

Here you see how a box with a 4 pixel #4E757A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E757A; -webkit-box-shadow:4px 4px  
4px 4px #4E757A; box-shadow:4px 4px 4px  
4px #4E757A }
```

Background

The CSS property to change the background color of an element to Hex 4E757A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E757A }
```

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

```
.background{ background-color:#4E757A }
```

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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