

Converting Colors

Hex(4E767A)

Have a look what the booklet for
Hex(4E767A) contains.

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Color

Hex(4E767A)

Conversions

Conversions Part 1

Format	Color
Hex	4E767A
RGB	78, 118, 122
RGB Percent	31%, 46%, 48%
CMY	0.6941, 0.5373, 0.5216
CMYK	0.36, 0.03, 0.00, 0.52
HSL	185°, 22%, 39%
HSV	185°, 36%, 48%
XYZ	13.1332, 15.9817, 20.8049
YIQ	106.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

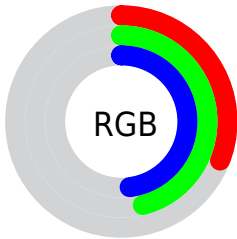
Format	Color
RYB	78, 99, 122
Decimal	5142138
CIELab	46.95, -12.85, -6.66
CIELCh	47, 14.470, 207.401
Yxy	15.9817, 0.2631, 0.3201
Android (android.graphics.Color)	4283332218 (0xFF4E767A)
YUV	106.4960, 7.6435, -24.9910
Hunter-Lab	39.9771, -11.3197, -2.8718

Details

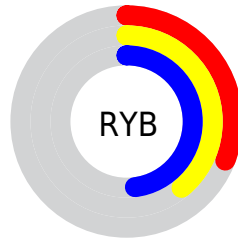
The Hex color **4E767A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A524E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **81AAAE**, and **1D4649** is the 20% darker color. If you saturate the color by 10%, you get **42757A**, and if you desaturate by 10%, it is **5A777A**.

Distribution



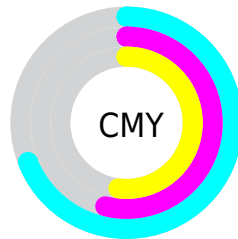
- Red (31%)
- Green (46%)
- Blue (48%)



- Red (31%)
- Yellow (39%)
- Blue (48%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (52%)



- Cyan (69%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E767A 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 4E767A by changing the saturation by 10% instead.



4E767A



4E767A

FFFFFF



355D61



81AAAE



1D4649



9CC6CA



022F33



B7E2E6



001B1E



D3FEFF



000003



F0FFFF



000000



4E767A



4E767A



42757A



5A777A



36747A



66787A

■ 29737A

■ 73797A

■ 1D727A

■ 7F7A7A

■ 11707A

■ 8B7C7A

■ 056F7A

■ 977D7A

■ 006F7A

■ A37E7A

■ B07F7A

■ BC807A

Harmonies

Analogous

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



53766E



4E767A



537483

Triad

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



4E767A



7E697D



7A6E57

Complementary

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



4E767A



7A524E

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.



846A5B



4E767A



876771

Square

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



4E767A



706D85



886765



6D725A

Rectangle

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



4E767A



5B7287



886765



7D6D58

Sweetspot

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



4E767A



8D9D9E



4E7A52



454E4F



CFCFCF



4F4F4F

Same Dimension

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



4E767A



5A989E



4E607A



373D3D



00727D



00E6FC

Inverse Universe

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



7A4E76



9E5A98



7A684E



3D373D



7D0072



FC00E6

Previews

White Background



This preview shows how the Hex color 4E767A looks on a white background.

Color Contrast Check

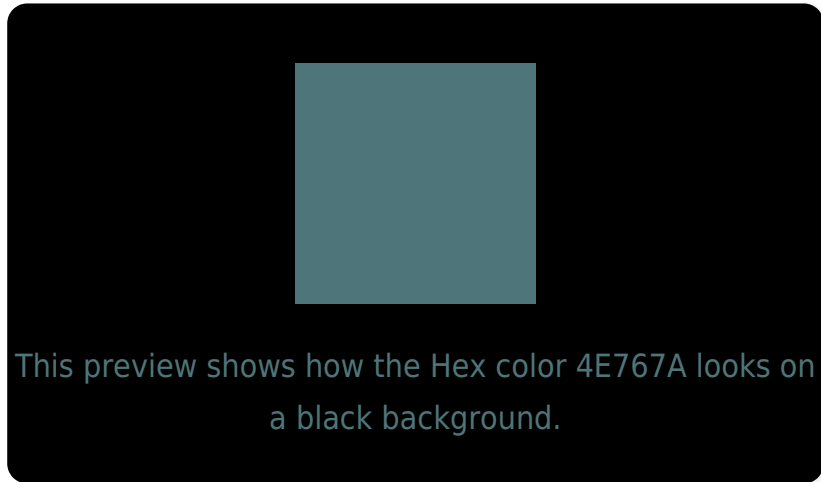
Large Text (above 18pt) WCAG AA ✓ Pass

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

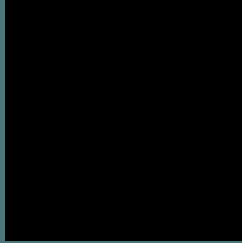
Any Text WCAG AA × Fail

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 4E767A Background



This preview shows how black text looks on a background with the Hex color 4E767A.



This preview shows how white text looks on a background with the Hex color 4E767A.

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



Original Color
4E767A

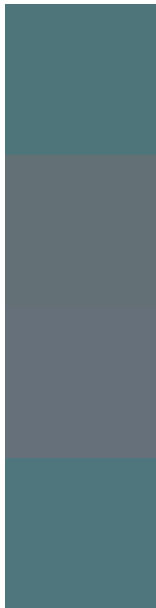
Protanopia
6F6E75

Deuteranopia
746C7C



Tritanopia
4F757F

Trichromacy



Original Color
4E767A

Protanomaly
637177

Deuteranomaly
66707B

Tritanomaly
4F757D

Monochromacy



Original Color
4E767A

Achromatopsia
6A6A6A

Achromatomaly
606E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E767A 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 #4E767A looks like.

```
.text, #text, p{  
    color:#4E767A  
}
```

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 #4E767A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E767A
}
```

Border

The CSS property to change the border of an element to Hex 4E767A 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
#4E767A }
```

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

```
.border{ border-color:#4E767A }
```

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

Here you see how a box with a 4 pixel #4E767A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E767A; -webkit-box-shadow:4px 4px  
4px 4px #4E767A; box-shadow:4px 4px 4px  
4px #4E767A }
```

Background

The CSS property to change the background color of an element to Hex 4E767A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E767A }
```

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

```
.background{ background-color:#4E767A }
```

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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