

Converting Colors

Hex(4E727A)

Have a look what the booklet for
Hex(4E727A) contains.

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Color

Hex(4E727A)

Conversions

Conversions Part 1

Format	Color
Hex	4E727A
RGB	78, 114, 122
RGB Percent	31%, 45%, 48%
CMY	0.6941, 0.5529, 0.5216
CMYK	0.36, 0.07, 0.00, 0.52
HSL	191°, 22%, 39%
HSV	191°, 36%, 48%
XYZ	12.6721, 15.0595, 20.6512
YIQ	104.1480, -24.0240, -5.1440

Conversions

Conversions Part 2

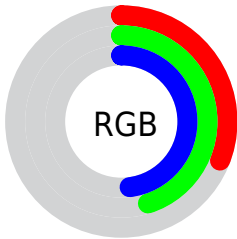
Format	Color
R_{YB}	78, 98, 122
Decimal	5141114
CIE Lab	45.72, -10.58, -8.50
CIE LCh	46, 13.578, 218.780
Yxy	15.0595, 0.2619, 0.3113
Android (android.graphics.Color)	4283331194 (0xFF4E727A)
YUV	104.1480, 8.8010, -22.9318
Hunter-Lab	38.8065, -9.6233, -4.3871

Details

The Hex color **4E727A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A564E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **81A6AE**, and **1D4249** is the 20% darker color. If you saturate the color by 10%, you get **42707A**, and if you desaturate by 10%, it is **5A747A**.

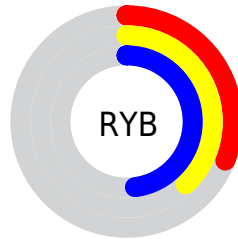
Distribution



Red (31%)

Green (45%)

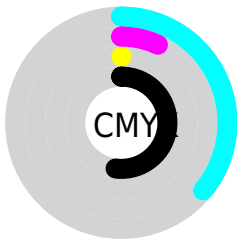
Blue (48%)



Red (31%)

Yellow (38%)

Blue (48%)

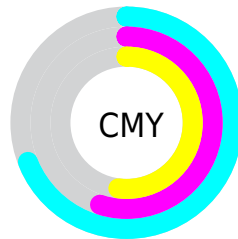


Cyan (36%)

Magenta (7%)

Yellow (0%)

Black (52%)



Cyan (69%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E727A 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 4E727A by changing the saturation by 10% instead.



4E727A



4E727A

FFFFFF



365961



81A6AE



1D4249



9BC1CA



032C33



B7DDE6



00181E



D3FAFF



000003



EFFFFFF



000000



4E727A



4E727A



42707A



5A747A



366E7A



66767A

■ 296B7A

■ 73797A

■ 1D697A

■ 7F7B7A

■ 11677A

■ 8B7D7A

■ 05657A

■ 977F7A

■ 00647A

■ A3827A

■ B0847A

■ BC867A

Harmonies

Analogous

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



4F736F



4E727A



567081

Triad

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



4E727A



7E6575



726D56

Complementary

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



4E727A



7A564E

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.



7C6957



4E727A



846469

Square

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



4E727A



72687E



83665F



65705A

Rectangle

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



4E727A



5F6D83



83665F



766B56

Sweetspot

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



4E727A



8D9B9E



4E7A55



454D4F



CFCFCF



4F4F4F

Same Dimension

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



4E727A



5A929E



4E5D7A



373C3D



00667D



00CFFC

Inverse Universe

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



7A4E72



9E5A92



7A6B4E



3D373C



7D0066



FC00CF

Previews

White Background



This preview shows how the Hex color 4E727A looks on a white background.

Color Contrast Check

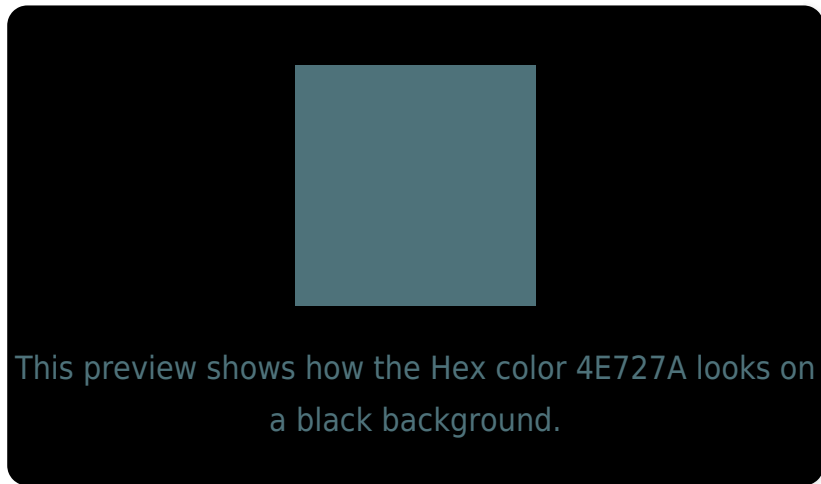
Large Text (above 18pt) WCAG AA ✓ Pass

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

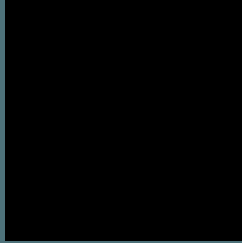
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

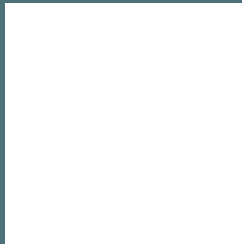
Any Text WCAG AAA × Fail

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

Hex 4E727A Background



This preview shows how black text looks on a background with the Hex color 4E727A.

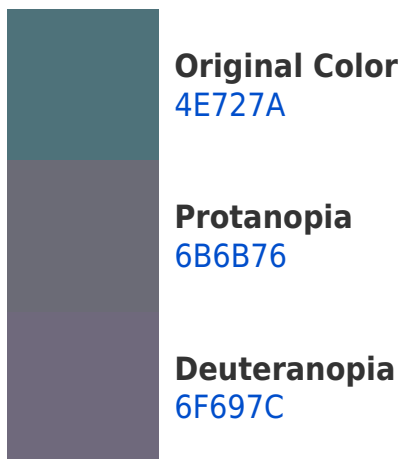


This preview shows how white text looks on a background with the Hex color 4E727A.

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](#).

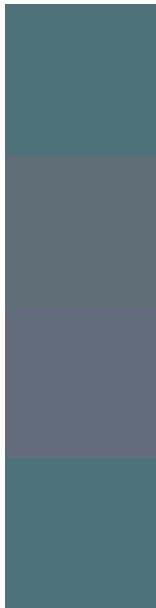
Dichromacy





Tritanopia
4E727B

Trichromacy



Original Color
4E727A

Protanomaly
606E77

Deuteranomaly
636C7B

Tritanomaly
4E727B

Monochromacy



Original Color
4E727A

Achromatopsia
686868

Achromatomaly
5F6C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E727A 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 #4E727A looks like.

```
.text, #text, p{  
    color:#4E727A  
}
```

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 #4E727A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E727A
}
```

Border

The CSS property to change the border of an element to Hex 4E727A 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
#4E727A }
```

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

```
.border{ border-color:#4E727A }
```

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

Here you see how a box with a 4 pixel #4E727A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E727A; -webkit-box-shadow:4px 4px  
4px 4px #4E727A; box-shadow:4px 4px 4px  
4px #4E727A }
```

Background

The CSS property to change the background color of an element to Hex 4E727A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E727A }
```

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

```
.background{ background-color:#4E727A }
```

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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