

Converting Colors

Hex(4E837B)

Have a look what the booklet for
Hex(4E837B) contains.

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Color

Hex(4E837B)

Conversions

Conversions Part 1

Format	Color
Hex	4E837B
RGB	78, 131, 123
RGB Percent	31%, 51%, 48%
CMY	0.6941, 0.4863, 0.5176
CMYK	0.40, 0.00, 0.06, 0.49
HSL	171°, 25%, 41%
HSV	171°, 40%, 51%
XYZ	14.8333, 19.2824, 21.6790
YIQ	114.2410, -29.0200, -13.7240

Conversions

Conversions Part 2

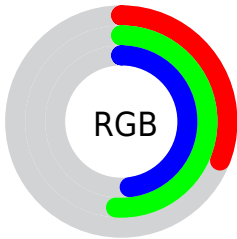
Format	Color
RYB	78, 107, 131
Decimal	5145467
CIELab	51.02, -19.66, -1.24
CIElCh	51, 19.704, 183.611
Yxy	19.2824, 0.2659, 0.3456
Android (android.graphics.Color)	4283335547 (0xFF4E837B)
YUV	114.2410, 4.3182, -31.7834
Hunter-Lab	43.9117, -16.5483, 1.4670

Details

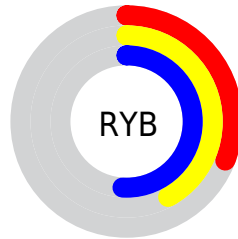
The Hex color **4E837B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **834E56**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **82B8AF**, and **1B514A** is the 20% darker color. If you saturate the color by 10%, you get **418379**, and if you desaturate by 10%, it is **5B837D**.

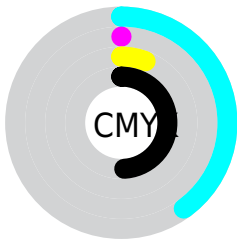
Distribution



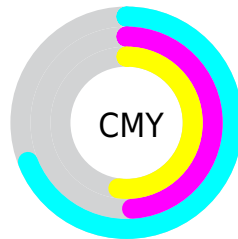
- Red (31%)
- Green (51%)
- Blue (48%)



- Red (31%)
- Yellow (42%)
- Blue (51%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (49%)



- Cyan (69%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E837B 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 4E837B by changing the saturation by 10% instead.



4E837B



4E837B

FFFFFF



356A62



82B8AF



1B514A



9DD4CB



003A34



B8F0E7



00241F



D4FFFF



000707



F1FFFF



000000



4E837B



4E837B



418379



5B837D



348377



68837F

■ 278375

■ 758381

■ 1A8373

■ 828383

■ 0C8371

■ 908385

■ 00836F

■ 9D8387

■ AA8389

■ B7838B

■ C4838D

Harmonies

Analogous

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



5E826A



4E837B



48828B

Triad

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



4E837B



7F7495



92735C

Complementary

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



4E837B



834E56

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.



9B6F68



4E837B



916F89

Square

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



4E837B



687A9B



9B6D78



847958

Rectangle

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



4E837B



4D8094



9B6D78



96725F

Sweetspot

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



4E837B



96ABA8



57834E



4B5755



D6D6D6



575757

Same Dimension

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



4E837B



57AB9E



4E7183



3C4241



00826E



000302

Inverse Universe

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



834E56



AB5764



83604E



423C3D



820014



030000

Previews

White Background



This preview shows how the Hex color 4E837B looks on a white background.

Color Contrast Check

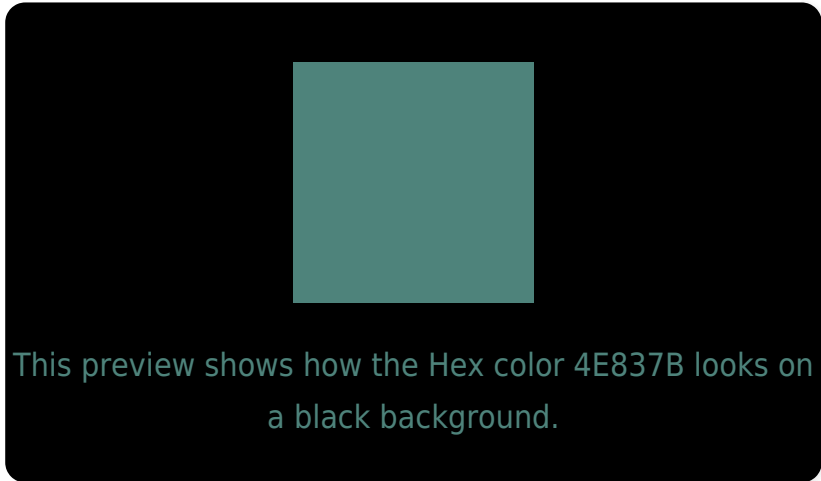
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

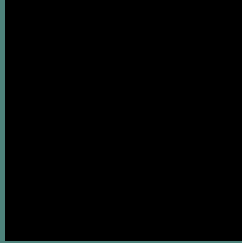
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

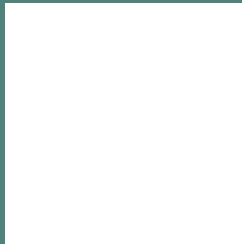
Any Text WCAG AAA × Fail

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

Hex 4E837B Background



This preview shows how black text looks on a background with the Hex color 4E837B.

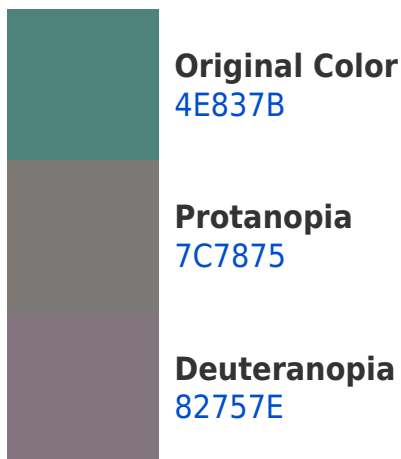


This preview shows how white text looks on a background with the Hex color 4E837B.

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](#).

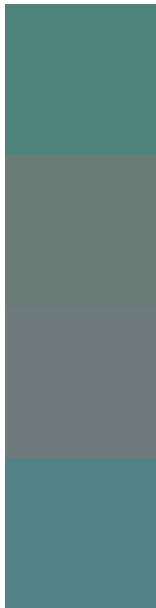
Dichromacy





Tritanopia
52818B

Trichromacy



Original Color
4E837B

Protanomaly
6B7C77

Deuteranomaly
6F7A7D

Tritanomaly
518285

Monochromacy



Original Color
4E837B

Achromatopsia
727272

Achromatomaly
657875

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E837B 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 #4E837B looks like.

```
.text, #text, p{  
    color:#4E837B  
}
```

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 #4E837B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E837B
}
```

Border

The CSS property to change the border of an element to Hex 4E837B 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
#4E837B }
```

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

```
.border{ border-color:#4E837B }
```

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

Here you see how a box with a 4 pixel #4E837B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E837B; -webkit-box-shadow:4px 4px  
4px 4px #4E837B; box-shadow:4px 4px 4px  
4px #4E837B }
```

Background

The CSS property to change the background color of an element to Hex 4E837B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E837B }
```

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

```
.background{ background-color:#4E837B }
```

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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