

Converting Colors

Hex(4E8A87)

Have a look what the booklet for
Hex(4E8A87) contains.

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Color

Hex(4E8A87)

Conversions

Conversions Part 1

Format	Color
Hex	4E8A87
RGB	78, 138, 135
RGB Percent	31%, 54%, 53%
CMY	0.6941, 0.4588, 0.4706
CMYK	0.43, 0.00, 0.02, 0.46
HSL	177°, 28%, 42%
HSV	177°, 43%, 54%
XYZ	16.6035, 21.5459, 26.2054
YIQ	119.7180, -34.7970, -13.6530

Conversions

Conversions Part 2

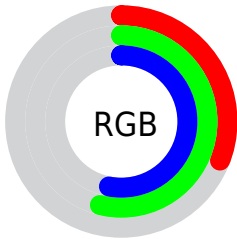
Format	Color
R_{YB}	78, 109, 138
Decimal	5147271
CIE _{Lab}	53.54, -20.24, -4.51
CIE _{LCh}	54, 20.739, 192.548
Yxy	21.5459, 0.2580, 0.3348
Android (android.graphics.Color)	4283337351 (0xFF4E8A87)
YUV	119.7180, 7.5340, -36.5867
Hunter-Lab	46.4176, -17.3815, -0.9802

Details

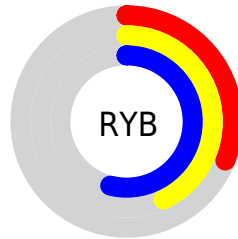
The Hex color **4E8A87** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A4E51**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **83C0BC**, and **185855** is the 20% darker color. If you saturate the color by 10%, you get **408A86**, and if you desaturate by 10%, it is **5C8A88**.

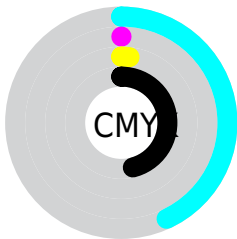
Distribution



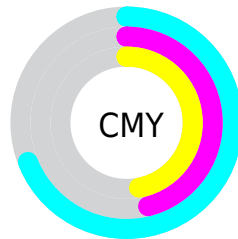
- Red (31%)
- Green (54%)
- Blue (53%)



- Red (31%)
- Yellow (43%)
- Blue (54%)



- Cyan (43%)
- Magenta (0%)
- Yellow (2%)
- Black (46%)



- Cyan (69%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E8A87 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 4E8A87 by changing the saturation by 10% instead.



4E8A87



4E8A87

FFFFFF



34706E



83C0BC



185855



9EDCD8



00403E



BAF8F4



002A28



D6FFFF



001514



F3FFFF



000000



4E8A87



4E8A87



408A86



5C8A88



328A86



6A8A88

■ 258A85

■ 778A89

■ 178A84

■ 858A8A

■ 098A84

■ 938A8A

■ 008A83

■ A18A8B

■ AF8A8C

■ BC8A8D

■ CA8A8D

Harmonies

Analogous

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



5D8975



4E8A87



4C8897

Triad

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



4E8A87



8C799A



967B5E

Complementary

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



4E8A87



8A4E51

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.



A17669



4E8A87



9D748B

Square

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



4E8A87



747FA3



A47379



85815D

Rectangle

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



4E8A87



55869F



A47379



9B7961

Sweetspot

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



4E8A87



9BB3B1



518A4E



4B5959



D9D9D9



595959

Same Dimension

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



4E8A87



56B3AE



4E6F8A



3E4545



00857E



000505

Inverse Universe

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



8A4E51



B3565A



8A694E



453E3E



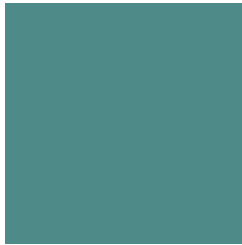
850007



050000

Previews

White Background



This preview shows how the Hex color 4E8A87 looks on a white background.

Color Contrast Check

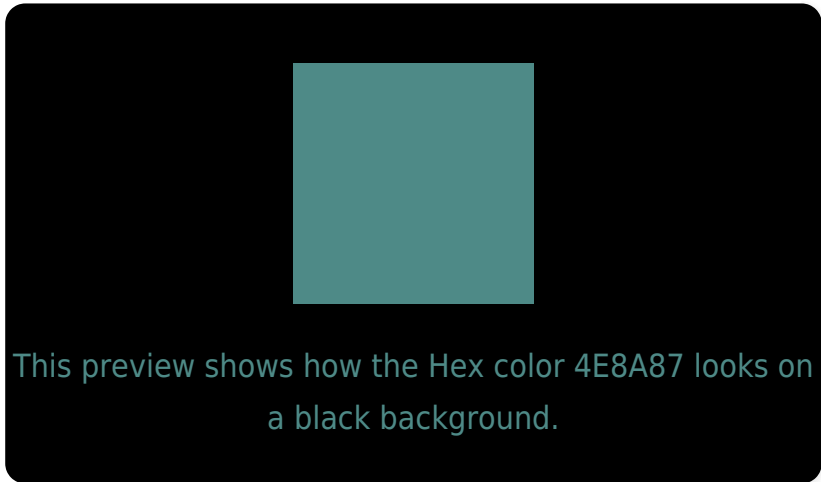
Large Text (above 18pt) WCAG AA ✓ Pass

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

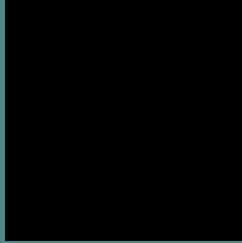
Any Text WCAG AA ✓ Pass

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 4E8A87 Background



This preview shows how black text looks on a background with the Hex color 4E8A87.

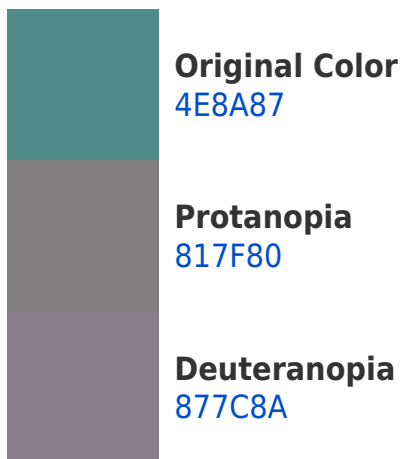


This preview shows how white text looks on a background with the Hex color 4E8A87.

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



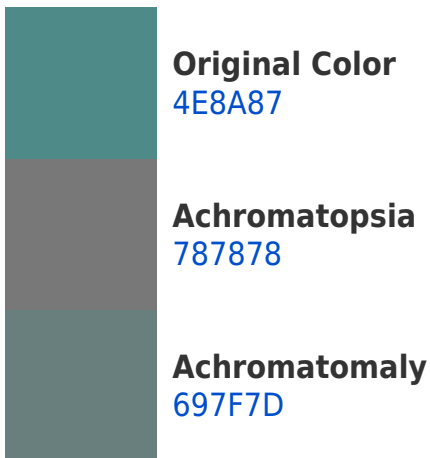


Tritanopia
528893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E8A87 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 #4E8A87 looks like.

```
.text, #text, p{  
    color:#4E8A87  
}
```

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 #4E8A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8A87
}
```

Border

The CSS property to change the border of an element to Hex 4E8A87 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
#4E8A87 }
```

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

```
.border{ border-color:#4E8A87 }
```

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

Here you see how a box with a 4 pixel #4E8A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8A87; -webkit-box-shadow:4px 4px  
4px 4px #4E8A87; box-shadow:4px 4px 4px  
4px #4E8A87 }
```

Background

The CSS property to change the background color of an element to Hex 4E8A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8A87 }
```

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

```
.background{ background-color:#4E8A87 }
```

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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