

Converting Colors

Hex(4E947E)

Have a look what the booklet for
Hex(4E947E) contains.

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Color

Hex(4E947E)

Conversions

Conversions Part 1

Format	Color
Hex	4E947E
RGB	78, 148, 126
RGB Percent	31%, 58%, 49%
CMY	0.6941, 0.4196, 0.5059
CMYK	0.47, 0.00, 0.15, 0.42
HSL	161°, 31%, 44%
HSV	161°, 47%, 58%
XYZ	17.4977, 24.3059, 23.5079
YIQ	124.5620, -34.6580, -21.6820

Conversions

Conversions Part 2

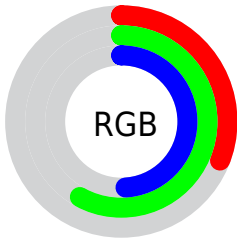
Format	Color
R_{YB}	78, 120, 148
Decimal	5149822
CIE _{Lab}	56.39, -27.60, 4.83
CIE _{LCh}	56, 28.022, 170.068
Yxy	24.3059, 0.2679, 0.3722
Android (android.graphics.Color)	4283339902 (0xFF4E947E)
YUV	124.5620, 0.7089, -40.8349
Hunter-Lab	49.3010, -22.9243, 6.2397

Details

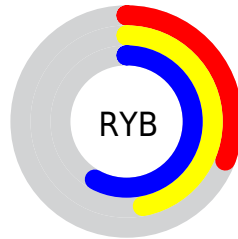
The Hex color **4E947E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **944E64**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **83CAB3**, and **16614D** is the 20% darker color. If you saturate the color by 10%, you get **3F9479**, and if you desaturate by 10%, it is **5D9483**.

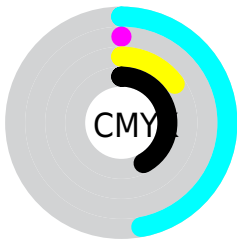
Distribution



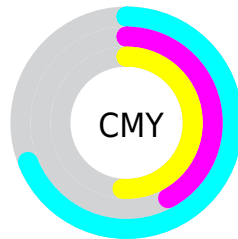
- Red (31%)
- Green (58%)
- Blue (49%)



- Red (31%)
- Yellow (47%)
- Blue (58%)



- Cyan (47%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E947E 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 4E947E by changing the saturation by 10% instead.



4E947E



4E947E

FFFFFF



337A65



83CAB3



16614D



9FE7CE



004936



BAFFEA



003121



D7FFFF



001F0A



F4FFFF



000000



4E947E



4E947E



3F9479



5D9483



309475



6C9487

■ 229470

■ 7A948C

■ 13946B

■ 899491

■ 049467

■ 989495

■ 009465

■ A7949A

■ B6949F

■ C494A3

■ D394A8

Harmonies

Analogous

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



6B9167



4E947E



359497

Triad

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



4E947E



7F84B5



B17B63

Complementary

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



4E947E



944E64

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.



B87578



4E947E



9E7BA7

Square

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



4E947E



598CB7



B27690



9F8357

Rectangle

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



4E947E



3393A6



B27690



B47969

Sweetspot

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



4E947E



A4BFB7



64944E



50615C



E0E0E0



616161

Same Dimension

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



4E947E



52BF9D



4E8794



434A48



008A5E



000A07

Inverse Universe

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



944E64



BF5274



945B4E



4A4345



8A002B



0A0003

Previews

White Background



This preview shows how the Hex color 4E947E looks on a white background.

Color Contrast Check

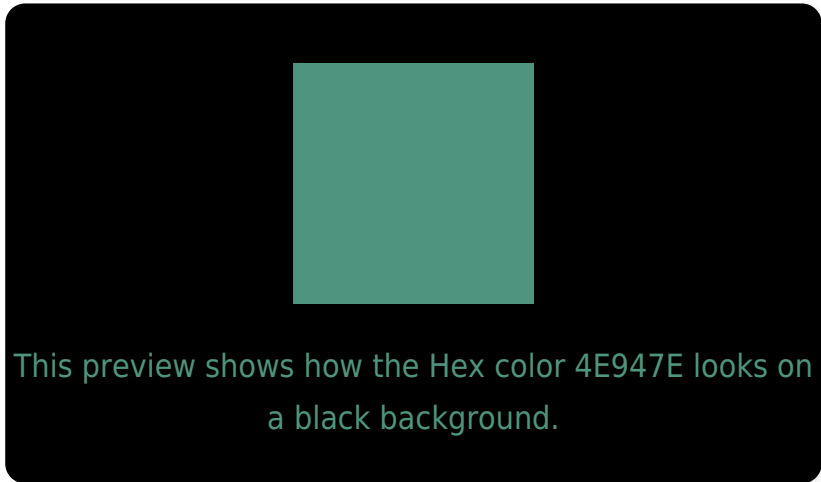
Large Text (above 18pt) WCAG AA ✓ Pass

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

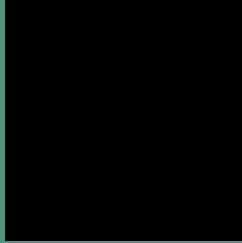
Any Text WCAG AA ✓ Pass

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 4E947E Background



This preview shows how black text looks on a background with the Hex color 4E947E.

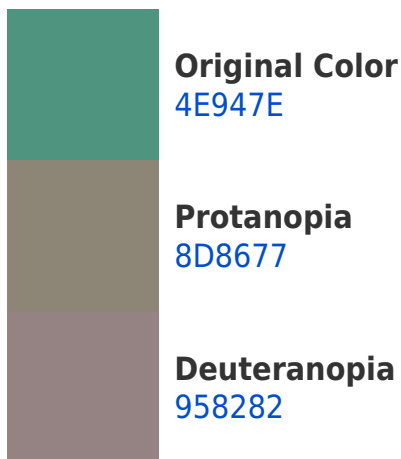


This preview shows how white text looks on a background with the Hex color 4E947E.

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



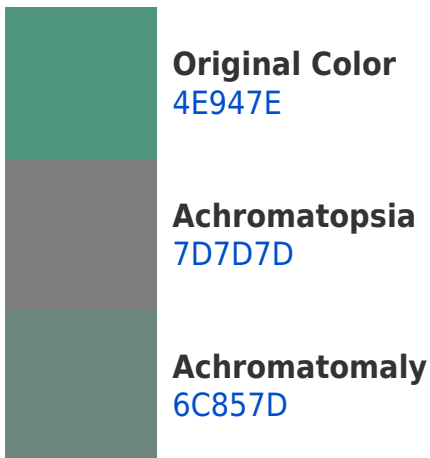


Tritanopia
56909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E947E 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 #4E947E looks like.

```
.text, #text, p{  
    color:#4E947E  
}
```

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 #4E947E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E947E
}
```

Border

The CSS property to change the border of an element to Hex 4E947E 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
#4E947E }
```

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

```
.border{ border-color:#4E947E }
```

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

Here you see how a box with a 4 pixel #4E947E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E947E; -webkit-box-shadow:4px 4px  
4px 4px #4E947E; box-shadow:4px 4px 4px  
4px #4E947E }
```

Background

The CSS property to change the background color of an element to Hex 4E947E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E947E }
```

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

```
.background{ background-color:#4E947E }
```

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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