

Converting Colors

Hex(4C867A)

Have a look what the booklet for
Hex(4C867A) contains.

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Color

Hex(4C867A)

Conversions

Conversions Part 1

Format	Color
Hex	4C867A
RGB	76, 134, 122
RGB Percent	30%, 53%, 48%
CMY	0.7020, 0.4745, 0.5216
CMYK	0.43, 0.00, 0.09, 0.47
HSL	168°, 28%, 41%
HSV	168°, 43%, 53%
XYZ	15.0184, 19.9918, 21.4796
YIQ	115.2900, -30.7160, -16.0280

Conversions

Conversions Part 2

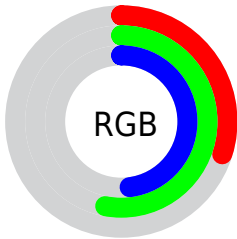
Format	Color
RYB	76, 108, 134
Decimal	5015162
CIELab	51.83, -22.05, 0.52
CIElCh	52, 22.056, 178.654
Yxy	19.9918, 0.2659, 0.3539
Android (android.graphics.Color)	4283205242 (0xFF4C867A)
YUV	115.2900, 3.3080, -34.4573
Hunter-Lab	44.7122, -18.2898, 2.8158

Details

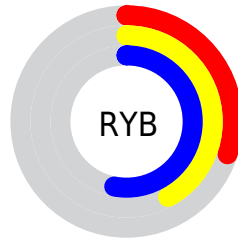
The Hex color **4C867A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **864C58**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **80BBAE**, and **175449** is the 20% darker color. If you saturate the color by 10%, you get **3F8677**, and if you desaturate by 10%, it is **59867D**.

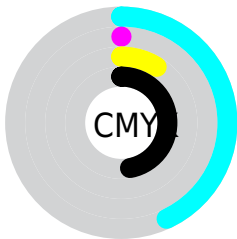
Distribution



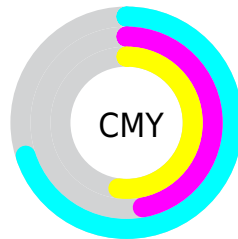
- Red (30%)
- Green (53%)
- Blue (48%)



- Red (30%)
- Yellow (42%)
- Blue (53%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (47%)



- Cyan (70%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C867A 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 4C867A by changing the saturation by 10% instead.

 4C867A

 4C867A

FFFFFF

 326D61

 80BBAE

 175449

 9BD7CA

 003D33

 B7F4E6

 00261E

 D3FFFF

 000D05

 F0FFFF


 000000

 4C867A

 4C867A

 3F8677

 59867D

 318674

 678680

■ 248672

■ 748682

■ 16866F

■ 828685

■ 09866C

■ 8F8688

■ 00866A

■ 9C868B

■ AA868D

■ B78690

■ C58693

Harmonies

Analogous

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



608467



4C867A



41868D

Triad

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



4C867A



7D779D



99745C

Complementary

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



4C867A



864C58

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.



A16F6A



4C867A



93718F

Square

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



4C867A



627EA1



9F6E7D



8A7A56

Rectangle

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



4C867A



458497



9F6E7D



9D7260

Sweetspot

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



4C867A



97ADA9



59864C



495754



D6D6D6



575757

Same Dimension

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



4C867A



53AD9B



4C7686



3C4241



008267



000302

Inverse Universe

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



864C58



AD5366



865C4C



423C3D



82001B



030001

Previews

White Background



This preview shows how the Hex color 4C867A looks on a white background.

Color Contrast Check

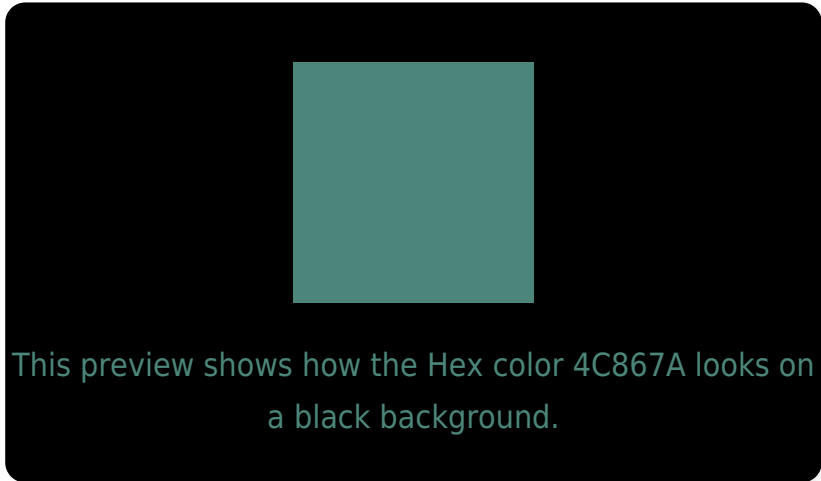
Large Text (above 18pt) WCAG AA ✓ Pass

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

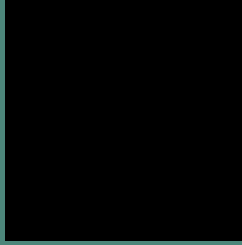
Any Text WCAG AA ✓ Pass

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 4C867A Background



This preview shows how black text looks on a background with the Hex color 4C867A.

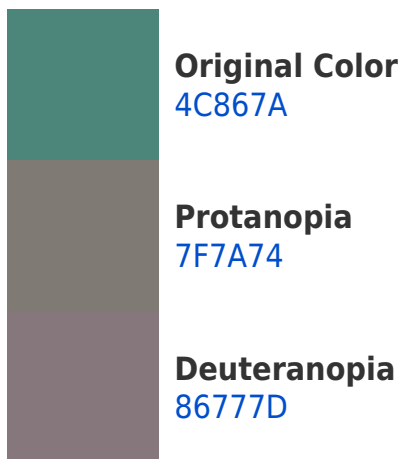


This preview shows how white text looks on a background with the Hex color 4C867A.

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](#).

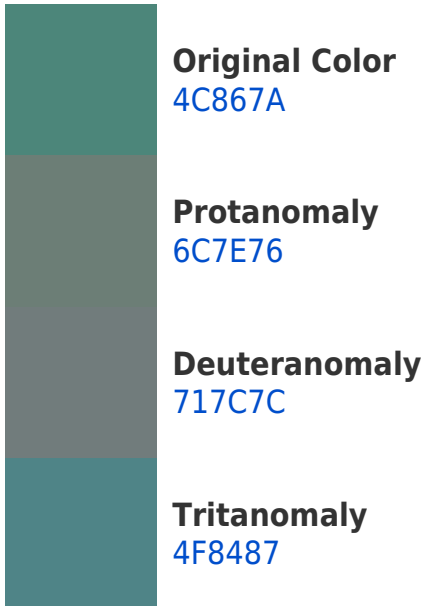
Dichromacy



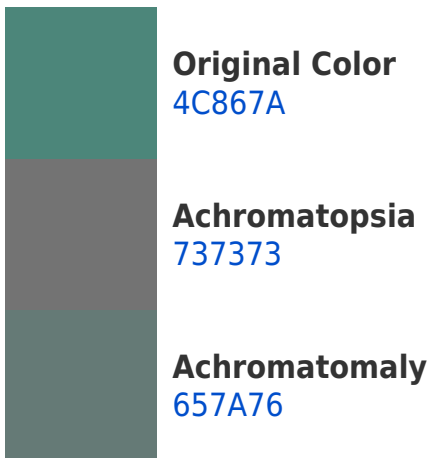


Tritanopia
51838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C867A 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 #4C867A looks like.

```
.text, #text, p{  
    color:#4C867A  
}
```

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 #4C867A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C867A
}
```

Border

The CSS property to change the border of an element to Hex 4C867A 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
#4C867A }
```

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

```
.border{ border-color:#4C867A }
```

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

Here you see how a box with a 4 pixel #4C867A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C867A; -webkit-box-shadow:4px 4px  
4px 4px #4C867A; box-shadow:4px 4px 4px  
4px #4C867A }
```

Background

The CSS property to change the background color of an element to Hex 4C867A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C867A }
```

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

```
.background{ background-color:#4C867A }
```

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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