

Converting Colors

Hex(4C867D)

Have a look what the booklet for
Hex(4C867D) contains.

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Color

Hex(4C867D)

Conversions

Conversions Part 1

Format	Color
Hex	4C867D
RGB	76, 134, 125
RGB Percent	30%, 53%, 49%
CMY	0.7020, 0.4745, 0.5098
CMYK	0.43, 0.00, 0.07, 0.47
HSL	171°, 28%, 41%
HSV	171°, 43%, 53%
XYZ	15.2073, 20.0674, 22.4739
YIQ	115.6320, -31.6790, -15.0950

Conversions

Conversions Part 2

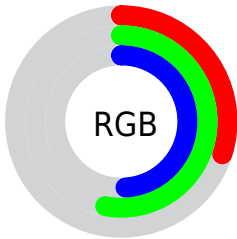
Format	Color
RYB	76, 107, 134
Decimal	5015165
CIELab	51.91, -21.29, -1.10
CIElCh	52, 21.318, 182.969
Yxy	20.0674, 0.2633, 0.3475
Android (android.graphics.Color)	4283205245 (0xFF4C867D)
YUV	115.6320, 4.6184, -34.7573
Hunter-Lab	44.7966, -17.7981, 1.6126

Details

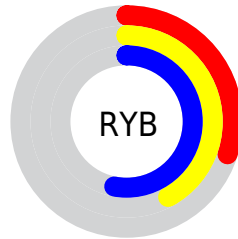
The Hex color **4C867D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **864C55**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **80BBB2**, and **17544C** is the 20% darker color. If you saturate the color by 10%, you get **3F867B**, and if you desaturate by 10%, it is **59867F**.

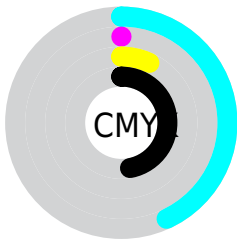
Distribution



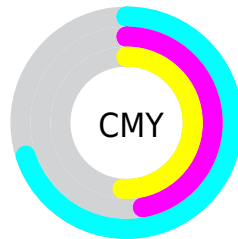
- Red (30%)
- Green (53%)
- Blue (49%)



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



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (47%)



- Cyan (70%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C867D 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 4C867D by changing the saturation by 10% instead.

 4C867D

 4C867D

FFFFFF

 326D64

 80BBB2

 17544C

 9BD7CD

 003D36

 B7F4E9

 002620

 D3FFFF

 000D09

 F0FFFF


 000000

 4C867D

 4C867D

 3F867B

 59867F

 318679

 678681

■ 248677

■ 748683

■ 168675

■ 828685

■ 098673

■ 8F8687

■ 008671

■ 9C8689

■ AA868C

■ B7868E

■ C58690

Harmonies

Analogous

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



5E846B



4C867D



44858F

Triad

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



4C867D



81769A



97755C

Complementary

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



4C867D



864C55

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.



A07069



4C867D



95718D

Square

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



4C867D



677DA0



9F6E7B



877B57

Rectangle

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



4C867D



4A8398



9F6E7B



9B735F

Sweetspot

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



4C867D



97ADAA



56864C



495755



D6D6D6



575757

Same Dimension

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



4C867D



53AD9F



4C7386



3C4241



00826E



000302

Inverse Universe

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



864C55



AD5361



865F4C



423C3D



820014



030000

Previews

White Background



This preview shows how the Hex color 4C867D looks on a white background.

Color Contrast Check

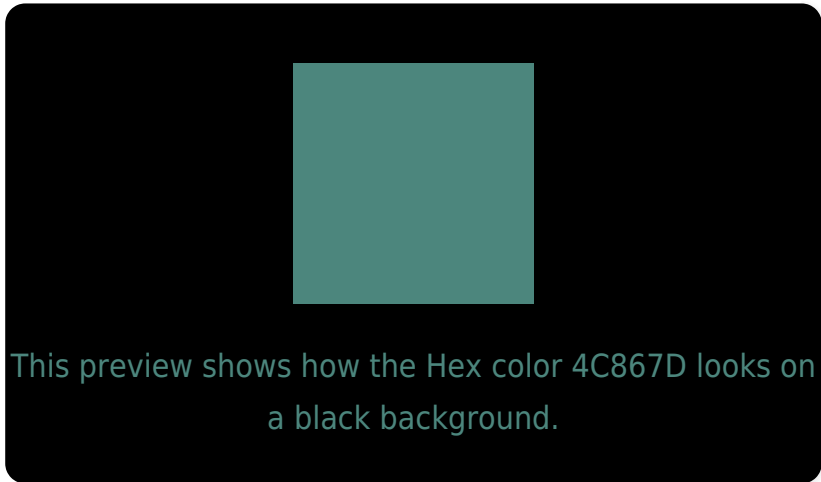
Large Text (above 18pt) WCAG AA ✓ Pass

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

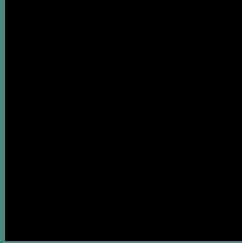
Any Text WCAG AA ✓ Pass

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 4C867D Background



This preview shows how black text looks on a background with the Hex color 4C867D.

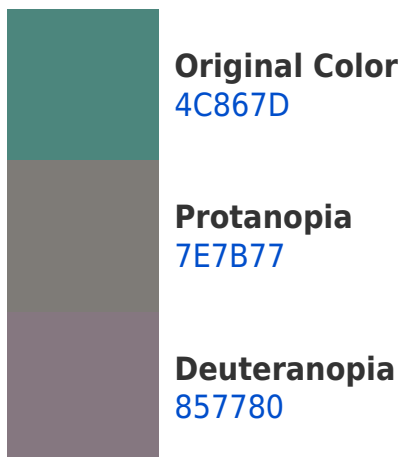


This preview shows how white text looks on a background with the Hex color 4C867D.

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](#).

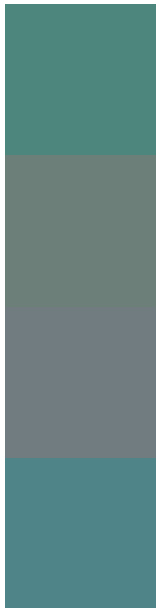
Dichromacy





Tritanopia
51838E

Trichromacy



Original Color
4C867D

Protanomaly
6C7F79

Deuteranomaly
707C7F

Tritanomaly
4F8488

Monochromacy



Original Color
4C867D

Achromatopsia
747474

Achromatomaly
657B77

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C867D 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 #4C867D looks like.

```
.text, #text, p{  
    color:#4C867D  
}
```

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 #4C867D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C867D  
}
```

Border

The CSS property to change the border of an element to Hex 4C867D 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  
#4C867D }
```

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

```
.border{ border-color:#4C867D }
```

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

Here you see how a box with a 4 pixel #4C867D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C867D; -webkit-box-shadow:4px 4px  
4px 4px #4C867D; box-shadow:4px 4px 4px  
4px #4C867D }
```

Background

The CSS property to change the background color of an element to Hex 4C867D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C867D }
```

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

```
.background{ background-color:#4C867D }
```

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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