

Converting Colors

Hex(C4989E)

Have a look what the booklet for
Hex(C4989E) contains.

Hex(C4989E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C4989E)

Conversions

Conversions Part 1

Format	Color
Hex	C4989E
RGB	196, 152, 158
RGB Percent	77%, 60%, 62%
CMY	0.2314, 0.4039, 0.3804
CMYK	0.00, 0.22, 0.19, 0.23
HSL	352°, 27%, 68%
HSV	352°, 22%, 77%
XYZ	40.1647, 36.6609, 37.3071
YIQ	165.8400, 24.2980, 11.1940

Conversions

Conversions Part 2

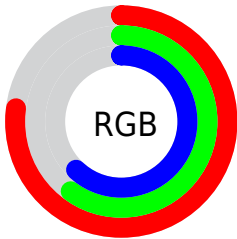
Format	Color
RYB	196, 152, 158
Decimal	12884126
CIELab	67.02, 17.36, 3.19
CIELCh	67, 17.646, 10.417
Yxy	36.6609, 0.3519, 0.3212
Android (android.graphics.Color)	4291074206 (0xFFC4989E)
YUV	165.8400, -3.8651, 26.4503
Hunter-Lab	60.5482, 12.4489, 5.8519

Details

The Hex color **C4989E** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **98C4BE**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FDCED5**, and **8E656B** is the 20% darker color. If you saturate the color by 10%, you get **C4848D**, and if you desaturate by 10%, it is **C4ACAF**.

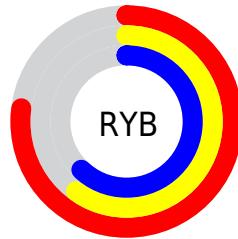
Distribution



Red (77%)

Green (60%)

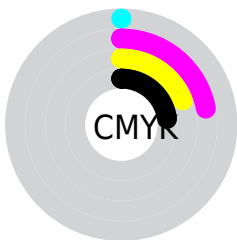
Blue (62%)



Red (77%)

Yellow (60%)

Blue (62%)

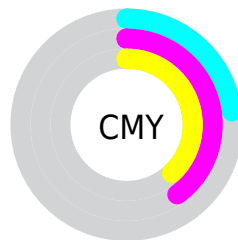


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4989E 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 C4989E by changing the saturation by 10% instead.

 C4989E

 C4989E

FFFFFF

 A87E84

 FDCED5

 8E656B

 FFEBF1

 734D53

 5A363C

 422026

 2B0A11

 0C0000

 000000

 C4989E

 C4989E

 C4848D

 C4ACAF

 C4717C

 C4BFC0

 C45D6B

 C4D3D1

 C44A5A

 C4E6E2

 C43649

 C4FAF3

 C42238

 C4FFFF

 C40F28

 C4001B

Harmonies

Analogous

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



BC99AE



C4989E



C39A8F

Triad

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



C4989E



98A88B



85A8C1

Complementary

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



C4989E



98C4BE

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.



79ABB7



C4989E



86AB98

Square

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



C4989E



AAA484



7BACA8



98A3C2

Rectangle

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



C4989E



BD9D88



7BACA8



80A9BE

Sweetspot

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



C4989E



FFEDF0



BD98C4



807577



000000



808080

Same Dimension

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



C4989E



FFBAC4



C4A798



615759



A10016



210005

Inverse Universe

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



C4989E



FFBAC4



98B5C4



615759



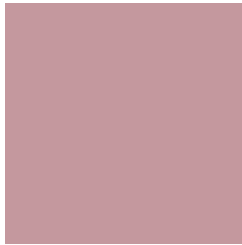
A10016



210005

Previews

White Background



This preview shows how the Hex color C4989E looks on a white background.

Color Contrast Check

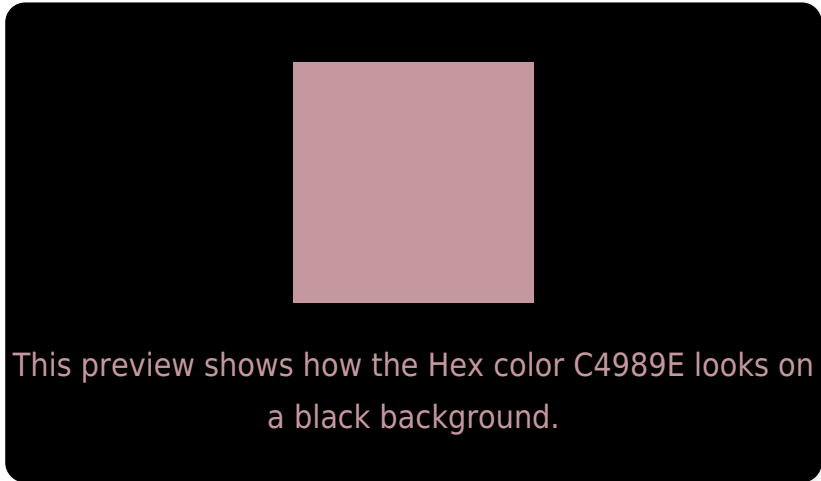
Large Text (above 18pt) WCAG AA × Fail

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

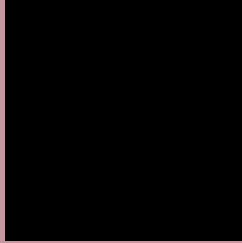
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex C4989E Background



This preview shows how black text looks on a background with the Hex color C4989E.



This preview shows how white text looks on a background with the Hex color C4989E.

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



Original Color
C4989E

Protanopia
A6A3A4

Deuteranopia
B69E9D



Tritanopia
C597A3

Trichromacy



Original Color
C4989E

Protanomaly
B19FA2

Deuteranomaly
BB9C9D

Tritanomaly
C597A1

Monochromacy



Original Color
C4989E

Achromatopsia
A6A6A6

Achromatomaly
B1A1A3

CSS Examples

Text

The CSS property to change the color of the text to Hex C4989E 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 #C4989E looks like.

```
.text, #text, p{  
    color:#C4989E  
}
```

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 #C4989E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4989E
}
```

Border

The CSS property to change the border of an element to Hex C4989E is called "border". The border property can be set on classes, ids or directly on the HTML element.

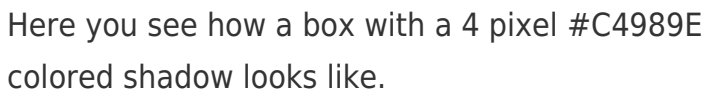
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4989E }
```

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

```
.border{ border-color:#C4989E }
```

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



Here you see how a box with a 4 pixel #C4989E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4989E; -webkit-box-shadow:4px 4px  
4px 4px #C4989E; box-shadow:4px 4px 4px  
4px #C4989E }
```

Background

The CSS property to change the background color of an element to Hex C4989E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4989E }
```

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

```
.background{ background-color:#C4989E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor