

Converting Colors

Hex(4C8987)

Have a look what the booklet for
Hex(4C8987) contains.

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Color

Hex(4C8987)

Conversions

Conversions Part 1

Format	Color
Hex	4C8987
RGB	76, 137, 135
RGB Percent	30%, 54%, 53%
CMY	0.7020, 0.4627, 0.4706
CMYK	0.45, 0.00, 0.01, 0.46
HSL	178°, 29%, 42%
HSV	178°, 45%, 54%
XYZ	16.2993, 21.1771, 26.1502
YIQ	118.5330, -35.7140, -13.5540

Conversions

Conversions Part 2

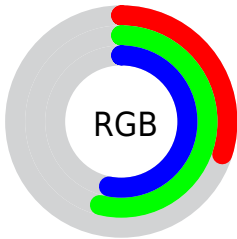
Format	Color
RYB	76, 107, 137
Decimal	5015943
CIELab	53.14, -20.24, -5.11
CIELCh	53, 20.875, 194.160
Yxy	21.1771, 0.2562, 0.3328
Android (android.graphics.Color)	4283206023 (0xFF4C8987)
YUV	118.5330, 8.1182, -37.3014
Hunter-Lab	46.0186, -17.3096, -1.4787

Details

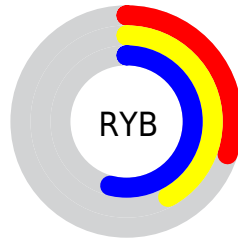
The Hex color **4C8987** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **894C4E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **81BFBC**, and **145755** is the 20% darker color. If you saturate the color by 10%, you get **3E8987**, and if you desaturate by 10%, it is **5A8987**.

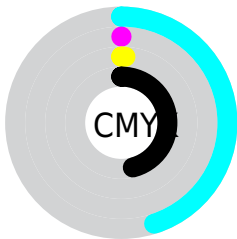
Distribution



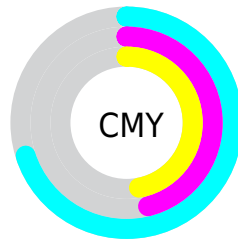
- Red (30%)
- Green (54%)
- Blue (53%)



- Red (30%)
- Yellow (42%)
- Blue (54%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (70%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8987 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 4C8987 by changing the saturation by 10% instead.



4C8987



4C8987

FFFFFF



326F6E



81BFBC



145755



9CDBD8



003F3E



B8F7F4



002928



D4FFFF



001414



F1FFFF



000000



4C8987



4C8987



3E8987



5A8987



318986



678988

■ 238986

■ 758988

■ 158985

■ 838989

■ 078985

■ 918989

■ 008985

■ 9E898A

■ AC898A

■ BA898B

■ C7898B

Harmonies

Analogous

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



5B8875



4C8987



4B8797

Triad

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



4C8987



8C7799



957A5D

Complementary

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



4C8987



894C4E

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.



A07567



4C8987



9D7389

Square

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



4C8987



757EA1



A37277



83805C

Rectangle

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



4C8987



55859F



A37277



99795F

Sweetspot

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



4C8987



9BB3B2



4E894C



4B5959



D9D9D9



595959

Same Dimension

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



4C8987



54B3AF



4C6D89



3E4545



008580



000505

Inverse Universe

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



894C4E



B35457



89684C



453E3E



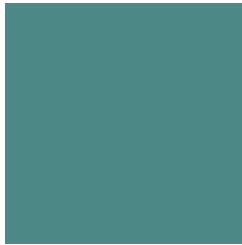
850004



050000

Previews

White Background



This preview shows how the Hex color 4C8987 looks on a white background.

Color Contrast Check

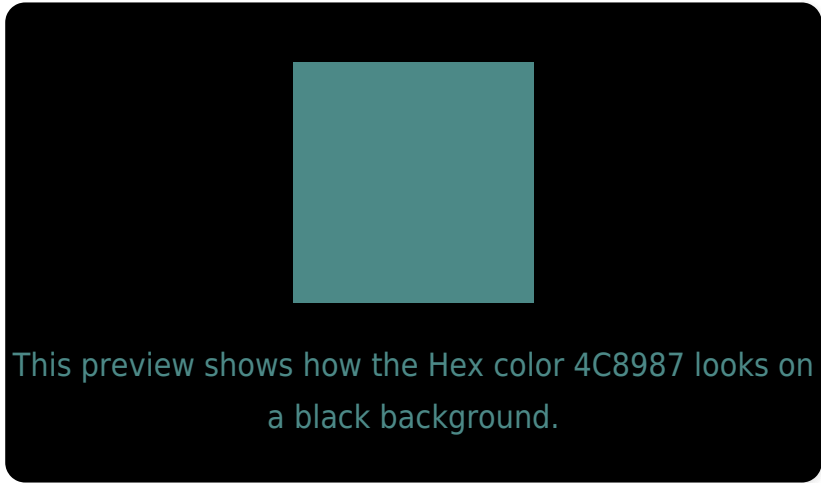
Large Text (above 18pt) WCAG AA ✓ Pass

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

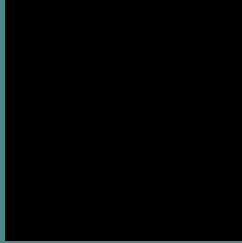
Any Text WCAG AA ✓ Pass

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 4C8987 Background



This preview shows how black text looks on a background with the Hex color 4C8987.

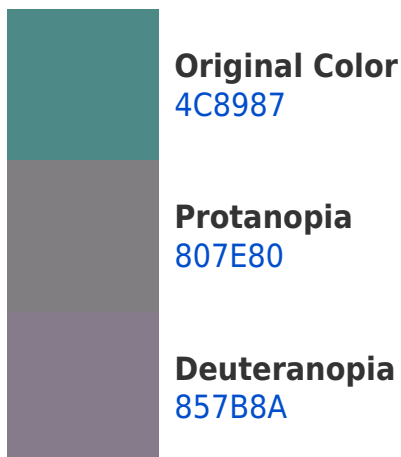


This preview shows how white text looks on a background with the Hex color 4C8987.

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](#).

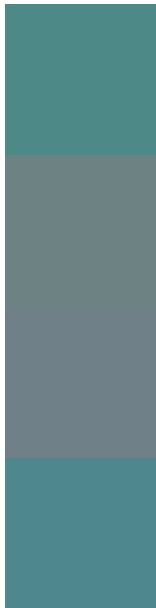
Dichromacy





Tritanopia
4F8792

Trichromacy



Original Color
4C8987

Protanomaly
6D8283

Deuteranomaly
708089

Tritanomaly
4E888E

Monochromacy



Original Color
4C8987

Achromatopsia
777777

Achromatomaly
677E7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8987 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 #4C8987 looks like.

```
.text, #text, p{  
    color:#4C8987  
}
```

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 #4C8987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8987
}
```

Border

The CSS property to change the border of an element to Hex 4C8987 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
#4C8987 }
```

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

```
.border{ border-color:#4C8987 }
```

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

Here you see how a box with a 4 pixel #4C8987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8987; -webkit-box-shadow:4px 4px  
4px 4px #4C8987; box-shadow:4px 4px 4px  
4px #4C8987 }
```

Background

The CSS property to change the background color of an element to Hex 4C8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8987 }
```

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

```
.background{ background-color:#4C8987 }
```

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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