

Converting Colors

Hex(4CA986)

Have a look what the booklet for
Hex(4CA986) contains.

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Color

Hex(4CA986)

Conversions

Conversions Part 1

Format	Color
Hex	4CA986
RGB	76, 169, 134
RGB Percent	30%, 66%, 53%
CMY	0.7020, 0.3373, 0.4745
CMYK	0.55, 0.00, 0.21, 0.34
HSL	157°, 38%, 48%
HSV	157°, 55%, 66%
XYZ	21.4715, 31.6337, 27.5285
YIQ	137.2030, -44.1930, -30.6010

Conversions

Conversions Part 2

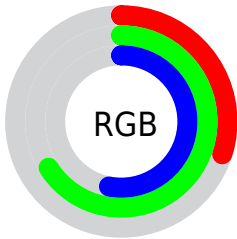
Format	Color
RYB	76, 133, 169
Decimal	5024134
CIELab	63.04, -36.17, 9.81
CIElCh	63, 37.475, 164.826
Yxy	31.6337, 0.2663, 0.3923
Android (android.graphics.Color)	4283214214 (0xFF4CA986)
YUV	137.2030, -1.5791, -53.6750
Hunter-Lab	56.2438, -30.2828, 10.3512

Details

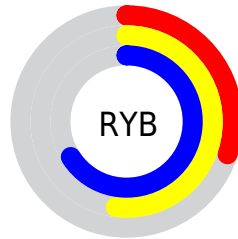
The Hex color **4CA986** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A94C6F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **84E1BB**, and **037454** is the 20% darker color. If you saturate the color by 10%, you get **3BA980**, and if you desaturate by 10%, it is **5DA98C**.

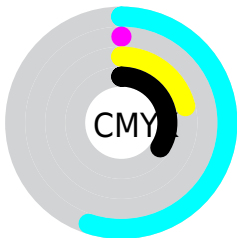
Distribution



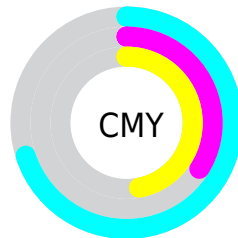
- Red (30%)
- Green (66%)
- Blue (53%)



- Red (30%)
- Yellow (52%)
- Blue (66%)



- Cyan (55%)
- Magenta (0%)
- Yellow (21%)
- Black (34%)



- Cyan (70%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA986 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 4CA986 by changing the saturation by 10% instead.



4CA986



4CA986

FFFFFF



2E8E6D



84E1BB



037454



A0FED7



005B3D



BCFFF3



004327



D9FFFF



002C13



F7FFFF



001300



000000



4CA986



4CA986



3BA980



5DA98C

■ 2AA979

■ 6EA993

■ 19A973

■ 7FA999

■ 08A96D

■ 90A99F

■ 00A969

■ A0A9A6

■ B1A9AC

■ C2A9B3

■ D3A9B9

■ E4A9BF

Harmonies

Analogous

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



78A468



4CA986



00AAA8

Triad

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



4CA986



8296D9



D2856B

Complementary

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



4CA986



A94C6F

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.



D97E89



4CA986



B18AC8

Square

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



4CA986



44A1D8



CF80AB



BD9158

Rectangle

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



4CA986



00A9BE



CF80AB



D68274

Sweetspot

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



4CA986



B6DBCD



70A94C



586E65



EDEDED



6E6E6E

Same Dimension

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



4CA986



4BDBA5



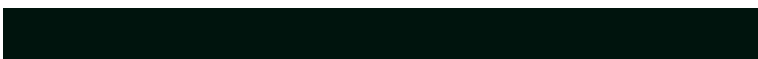
4C9EA9



4C5451



00945C



00140D

Inverse Universe

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



A94C6F



DB4B81



A9574C



544C4F



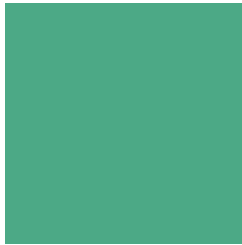
940038



140008

Previews

White Background



This preview shows how the Hex color 4CA986 looks on a white background.

Color Contrast Check

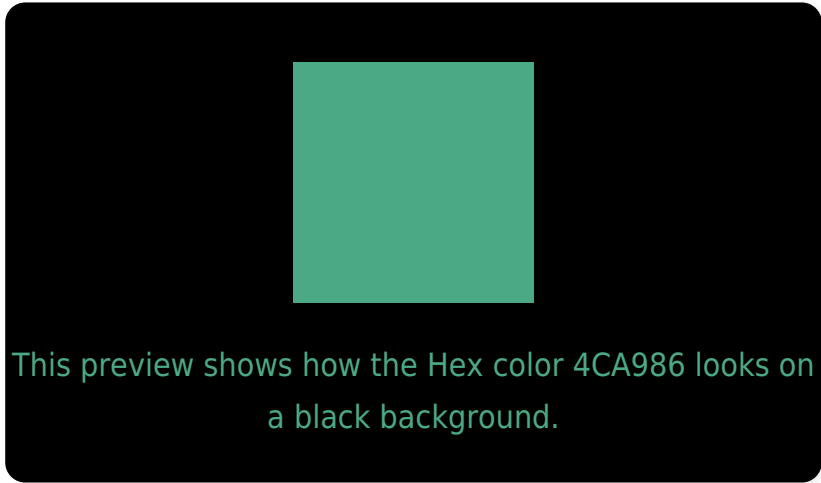
Large Text (above 18pt) WCAG AA × Fail

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

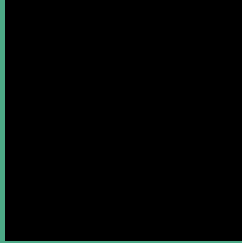
Any Text WCAG AA ✓ Pass

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 4CA986 Background



This preview shows how black text looks on a background with the Hex color 4CA986.



This preview shows how white text looks on a background with the Hex color 4CA986.

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



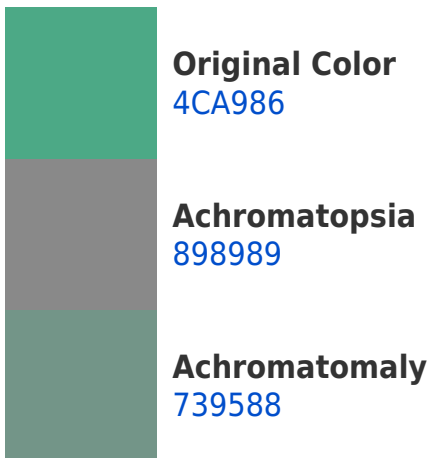


Tritanopia
59A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA986 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 #4CA986 looks like.

```
.text, #text, p{  
    color:#4CA986  
}
```

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 #4CA986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA986  
}
```

Border

The CSS property to change the border of an element to Hex 4CA986 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  
#4CA986 }
```

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

```
.border{ border-color:#4CA986 }
```

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

Here you see how a box with a 4 pixel #4CA986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA986; -webkit-box-shadow:4px 4px  
4px 4px #4CA986; box-shadow:4px 4px 4px  
4px #4CA986 }
```

Background

The CSS property to change the background color of an element to Hex 4CA986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA986 }
```

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

```
.background{ background-color:#4CA986 }
```

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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