

Converting Colors

Hex(4AA980)

Have a look what the booklet for
Hex(4AA980) contains.

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Color

Hex(4AA980)

Conversions

Conversions Part 1

Format	Color
Hex	4AA980
RGB	74, 169, 128
RGB Percent	29%, 66%, 50%
CMY	0.7098, 0.3373, 0.4980
CMYK	0.56, 0.00, 0.24, 0.34
HSL	154°, 39%, 48%
HSV	154°, 56%, 66%
XYZ	20.9083, 31.3903, 25.3790
YIQ	135.9210, -43.4590, -32.8910

Conversions

Conversions Part 2

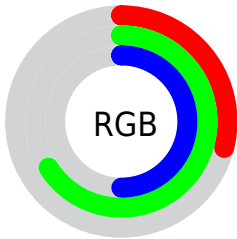
Format	Color
RYB	74, 135, 169
Decimal	4893056
CIELab	62.84, -37.98, 12.84
CIElCh	63, 40.090, 161.321
Yxy	31.3903, 0.2692, 0.4041
Android (android.graphics.Color)	4283083136 (0xFF4AA980)
YUV	135.9210, -3.9051, -54.3047
Hunter-Lab	56.0270, -31.4343, 12.3619

Details

The Hex color **4AA980** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A94A73**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **82E1B5**, and **00744F** is the 20% darker color. If you saturate the color by 10%, you get **39A979**, and if you desaturate by 10%, it is **5BA987**.

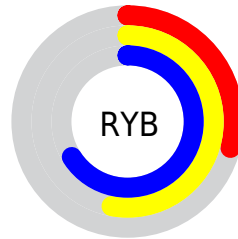
Distribution



Red (29%)

Green (66%)

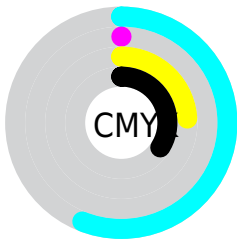
Blue (50%)



Red (29%)

Yellow (53%)

Blue (66%)

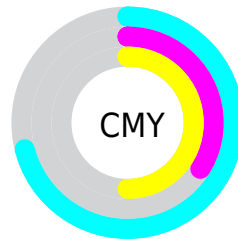


Cyan (56%)

Magenta (0%)

Yellow (24%)

Black (34%)



Cyan (71%)

Magenta (34%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AA980 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 4AA980 by changing the saturation by 10% instead.

■ 4AA980

■ 4AA980

FFFFFF

■ 2C8E67

■ 82E1B5

■ 00744F

■ 9EFED0

■ 005B38

■ BBFFED

■ 004322

■ D8FFFF

■ 002C0D

■ F5FFFF

■ 001200

■ 000000

■ 4AA980

■ 4AA980

■ 39A979

■ 5BA987

 28A971

 6CA98F

 17A96A

 7DA996

 06A963

 8EA99D

 00A960

 9EA9A4

 AFA9AC

 C0A9B3

 D1A9BA

 E2A9C2

Harmonies

Analogous

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



7AA461



4AA980



00ABA5

Triad

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



4AA980



7897DE



D6826B

Complementary

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



4AA980



A94A73

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.



DC7B8C



4AA980



AD8ACE

Square

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



4AA980



29A2DB



CF7EB0



C18E54

Rectangle

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



4AA980



00AABC



CF7EB0



DA7F75

Sweetspot

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



4AA980



B6DBC8



73A94A



586E64



EDEDED



6E6E6E

Same Dimension

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



4AA980



48DB9C



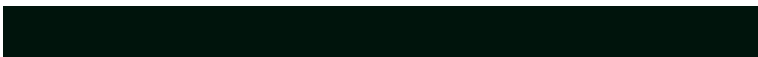
4AA3A9



4C5451



009454



00140C

Inverse Universe

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



A94A73



DB4888



A9504A



544C4F



940040



140009

Previews

White Background



This preview shows how the Hex color 4AA980 looks on a white background.

Color Contrast Check

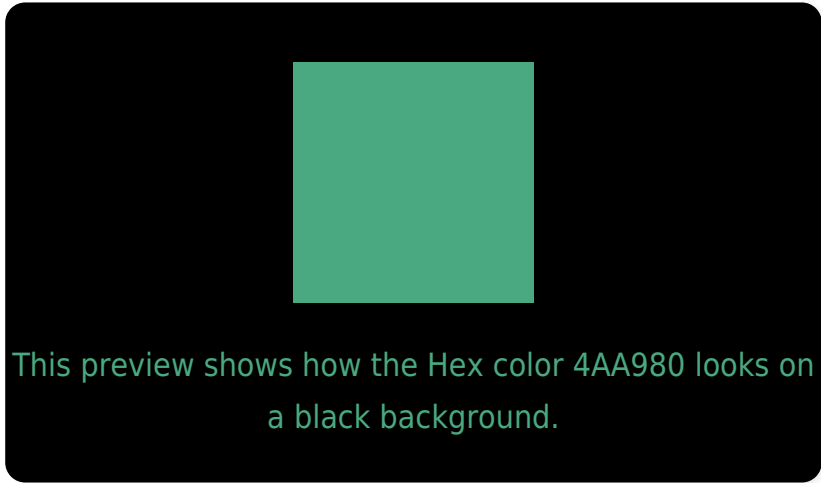
Large Text (above 18pt) WCAG AA × Fail

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

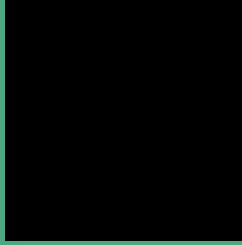
Any Text WCAG AA ✓ Pass

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 4AA980 Background



This preview shows how black text looks on a background with the Hex color 4AA980.

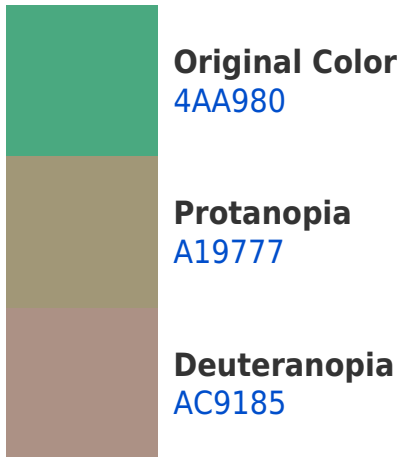


This preview shows how white text looks on a background with the Hex color 4AA980.

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](#).

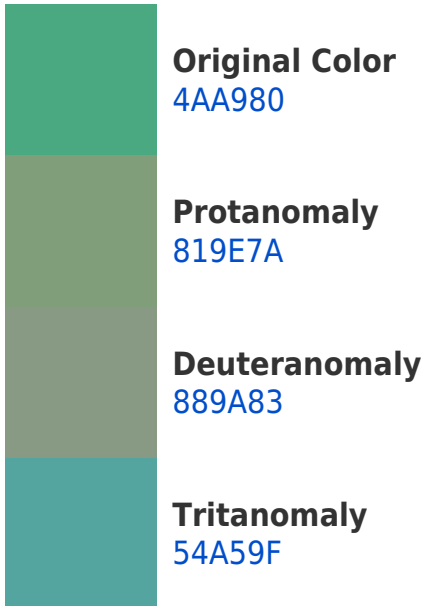
Dichromacy



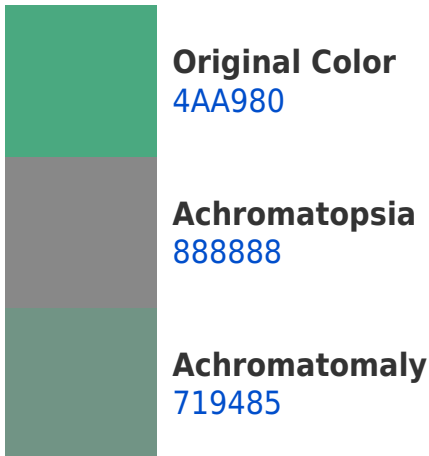


Tritanopia
59A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AA980 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 #4AA980 looks like.

```
.text, #text, p{  
    color:#4AA980  
}
```

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 #4AA980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AA980
}
```

Border

The CSS property to change the border of an element to Hex 4AA980 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
#4AA980 }
```

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

```
.border{ border-color:#4AA980 }
```

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

Here you see how a box with a 4 pixel #4AA980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AA980; -webkit-box-shadow:4px 4px  
4px 4px #4AA980; box-shadow:4px 4px 4px  
4px #4AA980 }
```

Background

The CSS property to change the background color of an element to Hex 4AA980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AA980 }
```

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

```
.background{ background-color:#4AA980 }
```

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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