

Converting Colors

Hex(4A9D78)

Have a look what the booklet for
Hex(4A9D78) contains.

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Color

Hex(4A9D78)

Conversions

Conversions Part 1

Format	Color
Hex	4A9D78
RGB	74, 157, 120
RGB Percent	29%, 62%, 47%
CMY	0.7098, 0.3843, 0.5294
CMYK	0.53, 0.00, 0.24, 0.38
HSL	153°, 36%, 45%
HSV	153°, 53%, 62%
XYZ	18.2712, 26.9259, 22.0035
YIQ	127.9650, -37.5910, -29.1030

Conversions

Conversions Part 2

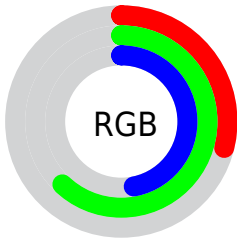
Format	Color
RYB	74, 127, 157
Decimal	4889976
CIELab	58.91, -34.30, 11.78
CIELCh	59, 36.270, 161.044
Yxy	26.9259, 0.2719, 0.4007
Android (android.graphics.Color)	4283080056 (0xFF4A9D78)
YUV	127.9650, -3.9267, -47.3273
Hunter-Lab	51.8901, -27.9556, 11.1817

Details

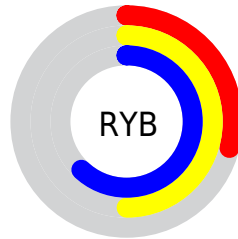
The Hex color **4A9D78** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9D4A6F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **80D4AC**, and **086947** is the 20% darker color. If you saturate the color by 10%, you get **3A9D71**, and if you desaturate by 10%, it is **5A9D7F**.

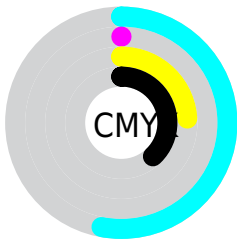
Distribution



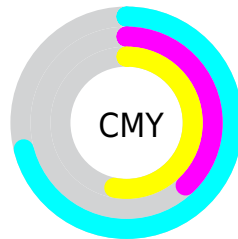
- Red (29%)
- Green (62%)
- Blue (47%)



- Red (29%)
- Yellow (50%)
- Blue (62%)



- Cyan (53%)
- Magenta (0%)
- Yellow (24%)
- Black (38%)



- Cyan (71%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A9D78 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 4A9D78 by changing the saturation by 10% instead.



4A9D78



4A9D78

FFFFFF



2E835F



80D4AC



086947



9CF1C8



005031



B8FFE4



00381C



D5FFFF



002402



F2FFFF



000000



4A9D78



4A9D78



3A9D71



5A9D7F



2B9D6A



699D86

■ 1B9D63

■ 799D8D

■ 0B9D5C

■ 899D94

■ 009D57

■ 999D9B

■ A89DA2

■ B89DA9

■ C89DB0

■ D79DB7

Harmonies

Analogous

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



74985C



4A9D78



009F99

Triad

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



4A9D78



728DCC



C67A65

Complementary

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



4A9D78



9D4A6F

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.



CB7483



4A9D78



A081BE

Square

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



4A9D78



3297C9



BF77A3



B38552

Rectangle

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



4A9D78



009EAD



BF77A3



C9776F

Sweetspot

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



4A9D78



ABCCBD



6F9D4A



53665D



E6E6E6



666666

Same Dimension

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



4A9D78



4BCC93



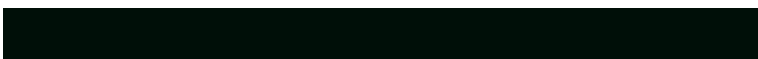
4A999D



474F4C



008F4F



000F08

Inverse Universe

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



9D4A6F



CC4B85



9D4E4A



4F474B



8F0040



0F0007

Previews

White Background



This preview shows how the Hex color 4A9D78 looks on a white background.

Color Contrast Check

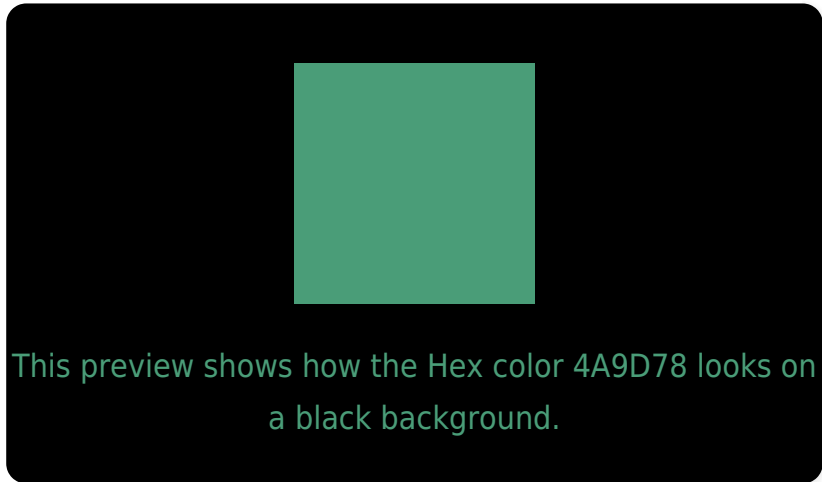
Large Text (above 18pt) WCAG AA ✓ Pass

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

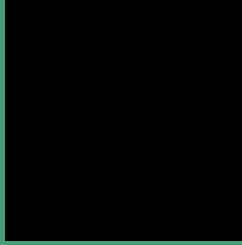
Any Text WCAG AA ✓ Pass

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 4A9D78 Background



This preview shows how black text looks on a background with the Hex color 4A9D78.



This preview shows how white text looks on a background with the Hex color 4A9D78.

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](#).

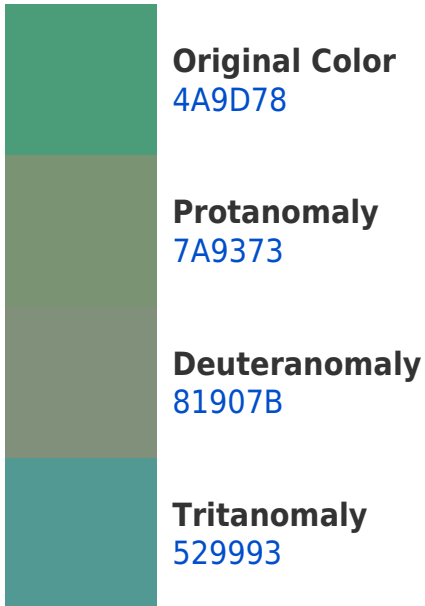
Dichromacy



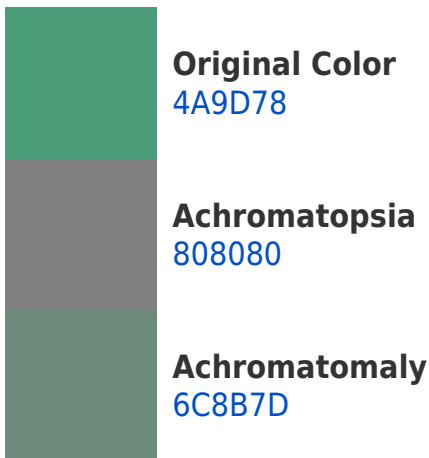


Tritanopia
5797A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A9D78 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 #4A9D78 looks like.

```
.text, #text, p{  
    color:#4A9D78  
}
```

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 #4A9D78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A9D78
}
```

Border

The CSS property to change the border of an element to Hex 4A9D78 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
#4A9D78 }
```

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

```
.border{ border-color:#4A9D78 }
```

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

Here you see how a box with a 4 pixel #4A9D78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A9D78; -webkit-box-shadow:4px 4px  
4px 4px #4A9D78; box-shadow:4px 4px 4px  
4px #4A9D78 }
```

Background

The CSS property to change the background color of an element to Hex 4A9D78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A9D78 }
```

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

```
.background{ background-color:#4A9D78 }
```

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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