

Converting Colors

Hex(4D9A71)

Have a look what the booklet for
Hex(4D9A71) contains.

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Color

Hex(4D9A71)

Conversions

Conversions Part 1

Format	Color
Hex	4D9A71
RGB	77, 154, 113
RGB Percent	30%, 60%, 44%
CMY	0.6980, 0.3961, 0.5569
CMYK	0.50, 0.00, 0.27, 0.40
HSL	148°, 33%, 45%
HSV	148°, 50%, 60%
XYZ	17.5968, 25.8812, 19.6909
YIQ	126.3030, -32.7310, -29.0750

Conversions

Conversions Part 2

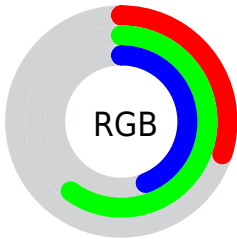
Format	Color
RYB	77, 129, 154
Decimal	5085809
CIELab	57.92, -33.67, 14.35
CIElCh	58, 36.599, 156.908
Yxy	25.8812, 0.2786, 0.4097
Android (android.graphics.Color)	4283275889 (0xFF4D9A71)
YUV	126.3030, -6.5584, -43.2387
Hunter-Lab	50.8736, -27.2870, 12.6630

Details

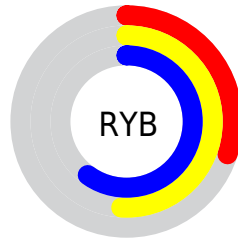
The Hex color **4D9A71** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A4D76**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **83D1A5**, and **126641** is the 20% darker color. If you saturate the color by 10%, you get **3E9A69**, and if you desaturate by 10%, it is **5C9A79**.

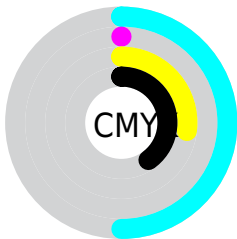
Distribution



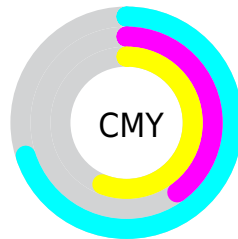
- Red (30%)
- Green (60%)
- Blue (44%)



- Red (30%)
- Yellow (51%)
- Blue (60%)



- Cyan (50%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (70%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D9A71 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 4D9A71 by changing the saturation by 10% instead.



4D9A71



4D9A71

FFFFFF



328058



83D1A5



126641



9EEDC0



004E2B



BAFFDC



003616



D7FFF9



002200



F4FFFF



000000



4D9A71



4D9A71



3E9A69



5C9A79



2E9A61



6C9A81

■ 1F9A58

■ 7B9A8A

■ 0F9A50

■ 8B9A92

■ 009A48

■ 9A9A9A

■ A99AA2

■ B99AAA

■ C89AB3

■ D89ABB

Harmonies

Analogous

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



769557



4D9A71



039C92

Triad

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



4D9A71



678CCA



C57666

Complementary

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



4D9A71



9A4D76

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.



C87185



4D9A71



9880BE

Square

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



4D9A71



1D95C5



B975A5



B48151

Rectangle

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



4D9A71



009BA7



B975A5



C87470

Sweetspot

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



4D9A71



ABC9B9



769A4D



54665C



E6E6E6



666666

Same Dimension

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



4D9A71



51C989



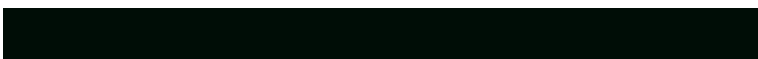
4D9A97



454D48



008C42



000D06

Inverse Universe

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



9A4D76



C95191



9A4D50



4D4549



8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 4D9A71 looks on a white background.

Color Contrast Check

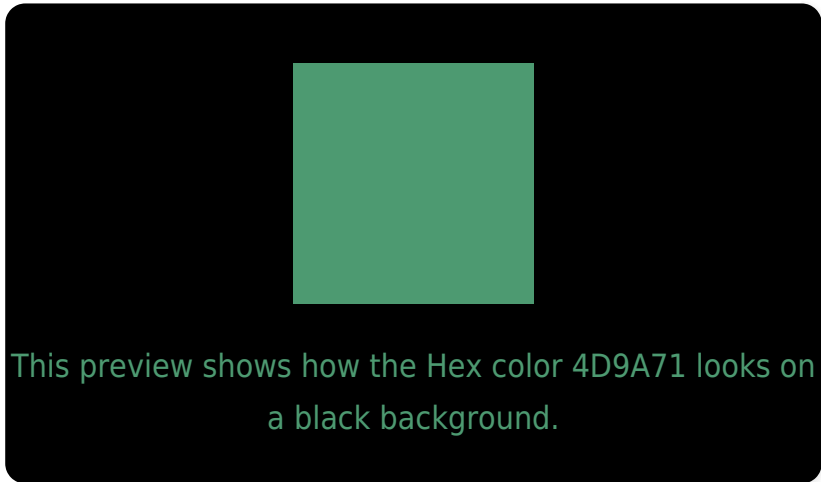
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D9A71 Background



This preview shows how black text looks on a background with the Hex color 4D9A71.

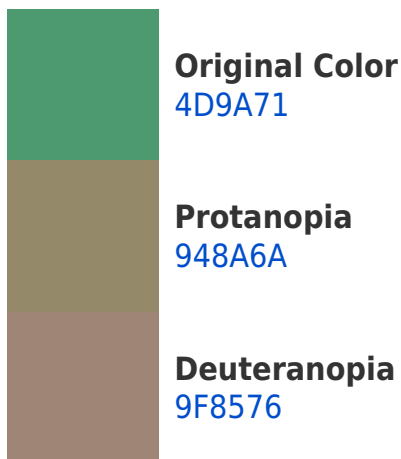


This preview shows how white text looks on a background with the Hex color 4D9A71.

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](#).

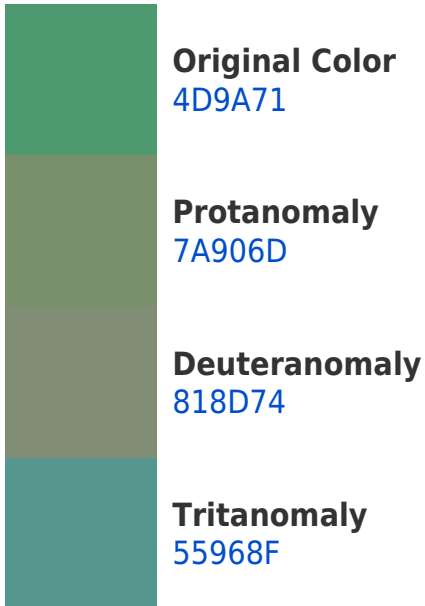
Dichromacy



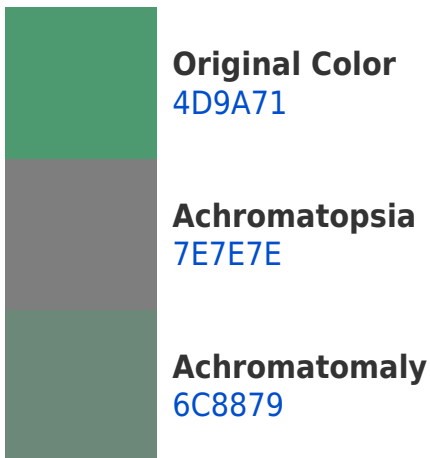


Tritanopia
5994A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D9A71 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 #4D9A71 looks like.

```
.text, #text, p{  
    color:#4D9A71  
}
```

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 #4D9A71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9A71
}
```

Border

The CSS property to change the border of an element to Hex 4D9A71 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
#4D9A71 }
```

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

```
.border{ border-color:#4D9A71 }
```

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

Here you see how a box with a 4 pixel #4D9A71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9A71; -webkit-box-shadow:4px 4px  
4px 4px #4D9A71; box-shadow:4px 4px 4px  
4px #4D9A71 }
```

Background

The CSS property to change the background color of an element to Hex 4D9A71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9A71 }
```

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

```
.background{ background-color:#4D9A71 }
```

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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