

# Converting Colors

Hex(4A994D)

Have a look what the booklet for  
Hex(4A994D) contains.

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# Color

Hex(4A994D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A994D
RGB	74, 153, 77
RGB Percent	29%, 60%, 30%
CMY	0.7098, 0.4000, 0.6980
CMYK	0.52, 0.00, 0.50, 0.40
HSL	122°, 35%, 45%
HSV	122°, 52%, 60%
XYZ	15.5548, 24.7741, 10.9832
YIQ	120.7150, -22.6880, -40.3840

# Conversions

## Conversions Part 2

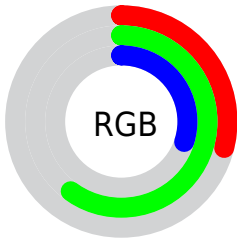
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 150, 153
Decimal	4888909
CIELab	56.85, -40.54, 32.51
CIELCh	57, 51.963, 141.270
Yxy	24.7741, 0.3031, 0.4828
Android (android.graphics.Color)	4283078989 (0xFF4A994D)
YUV	120.7150, -21.5515, -40.9691
Hunter-Lab	49.7736, -31.3205, 21.7584

# Details

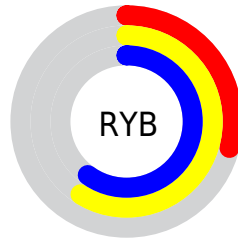
The Hex color **4A994D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **994A96**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **80D07F**, and **09651D** is the 20% darker color. If you saturate the color by 10%, you get **3B993E**, and if you desaturate by 10%, it is **59995C**.

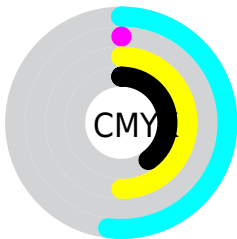
# Distribution



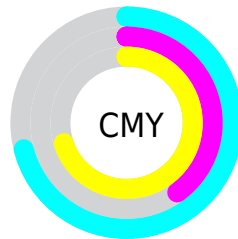
- Red (29%)
- Green (60%)
- Blue (30%)



- Red (29%)
- Yellow (59%)
- Blue (60%)



- Cyan (52%)
- Magenta (0%)
- Yellow (50%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A994D 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 4A994D by changing the saturation by 10% instead.





4A994D



4A994D

FFFFFF



2E7F35



80D07F



09651D



9CED9A



004C04



B8FFB5



003500



D5FFD1



002000



F2FFED



000000



4A994D



4A994D



3B993E



59995C



2B9930



69996A

■ 1C9921

■ 789979

■ 0D9912

■ 879988

■ 009906

■ 979997

■ A699A5

■ B599B4

■ C499C3

■ D499D1

# Harmonies

## Analogous

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



82902D



4A994D



009E79

# Triad

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



4A994D



0091E2



DB616A

# Complementary

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



4A994D



994A96

# 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.



D46198



4A994D



7382DD

# Square

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



4A994D



009BCE



B36FC2



CC7043

# Rectangle

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



4A994D



009F99



B36FC2



DC5F79



# Sweetspot

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



4A994D



A9C7AA



96994A



526352



E3E3E3



636363



# Same Dimension

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



4A994D



4CC750



4A9974



454D45



008C05



000D00



# Inverse Universe

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



994A96



C74CC2



994A6F



4D454C



8C0087



0D000C



# Previews

## White Background



This preview shows how the Hex color 4A994D looks on a white background.

## Color Contrast Check

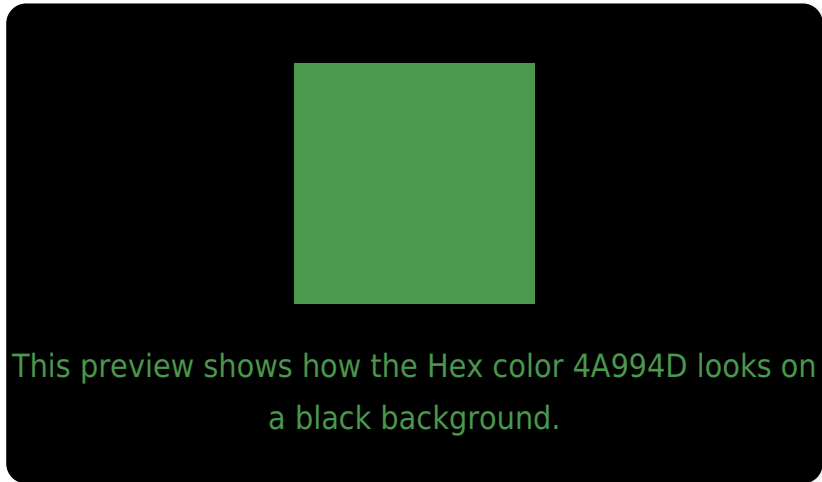
Large Text (above 18pt) WCAG AA ✓ Pass

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

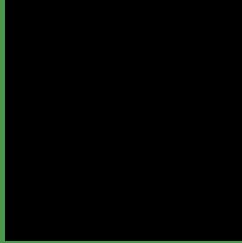
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A994D Background



This preview shows how black text looks on a background with the Hex color 4A994D.

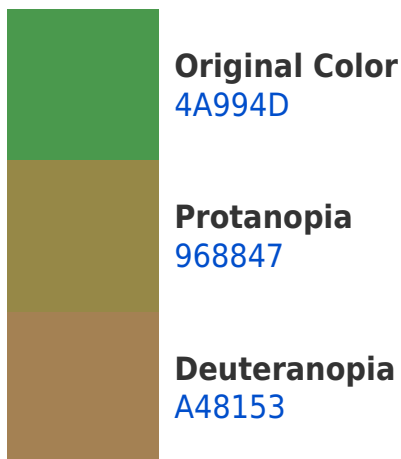


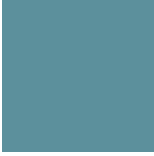
This preview shows how white text looks on a background with the Hex color 4A994D.

# 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**  
5C909C

# Trichromacy



**Original Color**

4A994D



**Protanomaly**

7A8E49



**Deuteranomaly**

838A51



**Tritanomaly**

55937F

# Monochromacy



**Original Color**

4A994D



**Achromatopsia**

797979



**Achromatomaly**

688569

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A994D 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 #4A994D looks like.

```
.text, #text, p{  
    color:#4A994D  
}
```

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 #4A994D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A994D
}
```

## Border

The CSS property to change the border of an element to Hex 4A994D 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
#4A994D }
```

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

```
.border{ border-color:#4A994D }
```

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

Here you see how a box with a 4 pixel #4A994D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A994D; -webkit-box-shadow:4px 4px  
4px 4px #4A994D; box-shadow:4px 4px 4px  
4px #4A994D }
```

# Background

The CSS property to change the background color of an element to Hex 4A994D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A994D }
```

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

```
.background{ background-color:#4A994D }
```

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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