

# Converting Colors

Hex(498A4D)

Have a look what the booklet for  
Hex(498A4D) contains.

<b>Hex(498A4D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(498A4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	498A4D
RGB	73, 138, 77
RGB Percent	29%, 54%, 30%
CMY	0.7137, 0.4588, 0.6980
CMYK	0.47, 0.00, 0.44, 0.46
HSL	124°, 31%, 41%
HSV	124°, 47%, 54%
XYZ	13.1757, 20.1292, 10.2121
YIQ	111.6110, -19.1590, -32.7510

# Conversions

## Conversions Part 2

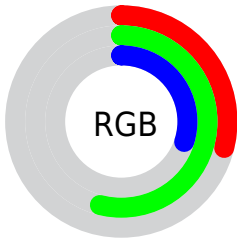
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 134, 138
Decimal	4819533
CIE <sub>Lab</sub>	51.98, -34.26, 26.34
CIE <sub>LCh</sub>	52, 43.217, 142.442
Yxy	20.1292, 0.3028, 0.4626
Android (android.graphics.Color)	4283009613 (0xFF498A4D)
YUV	111.6110, -17.0632, -33.8618
Hunter-Lab	44.8656, -26.0948, 17.9107

# Details

The Hex color **498A4D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A4986**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7EC07F**, and **11571F** is the 20% darker color. If you saturate the color by 10%, you get **3B8A40**, and if you desaturate by 10%, it is **578A5A**.

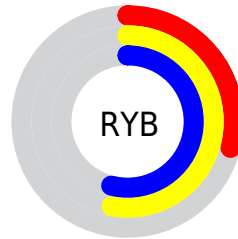
# Distribution



Red (29%)

Green (54%)

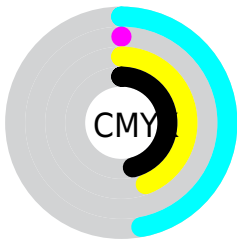
Blue (30%)



Red (29%)

Yellow (53%)

Blue (54%)

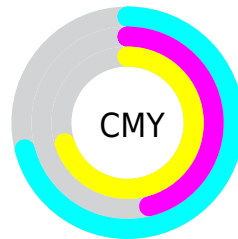


Cyan (47%)

Magenta (0%)

Yellow (44%)

Black (46%)



Cyan (71%)

Magenta (46%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 498A4D 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 498A4D by changing the saturation by 10% instead.





498A4D



498A4D

FFFFFF



2F7035



7EC07F



11571F



99DC99



003F08



B4F9B4



002900



D1FFD0



000D00



EDFFEC



000000



498A4D



498A4D



3B8A40



578A5A



2D8A33



658A67

 208A26

 728A74

 128A19

 808A81

 048A0C

 8E8A8E

 008A08

 9C8A9B

 AA8AA8

 B78AB5

 C58AC2

# Harmonies

## Analogous

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



768234



498A4D



008E71

# Triad

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



498A4D



0083C5



C15E62

# Complementary

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



498A4D



8A4986

# 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.



BB5D87



498A4D



6F76C0

# Square

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



498A4D



008BB6



A067AA



B46942

# Rectangle

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



498A4D



008F8B



A067AA



C15C6E



# Sweetspot

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



498A4D



9AB39B



878A49



4A594B



D9D9D9



595959



# Same Dimension

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



498A4D



4DB353



498A6D



3E453E



008508



000500



# Inverse Universe

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



8A4986



B34DAC



8A4966



453E44



85007C



050005



# Previews

## White Background



This preview shows how the Hex color 498A4D looks on a white background.

## Color Contrast Check

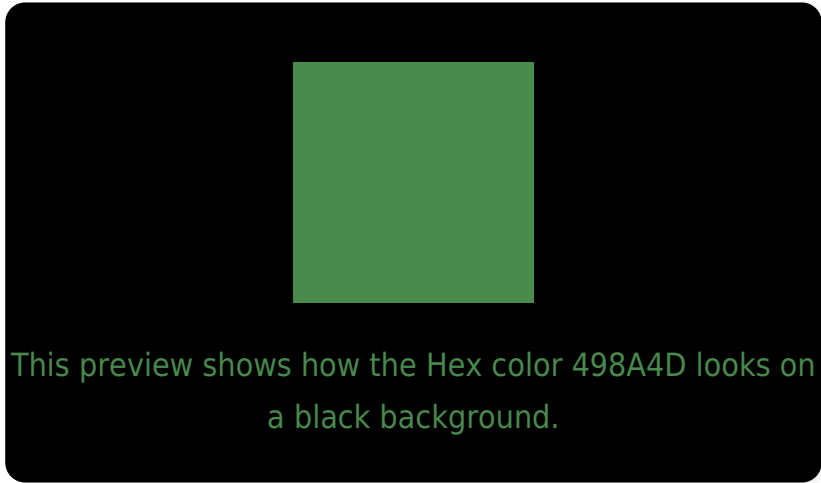
Large Text (above 18pt) WCAG AA ✓ Pass

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 498A4D Background



This preview shows how black text looks on a background with the Hex color 498A4D.



This preview shows how white text looks on a background with the Hex color 498A4D.

# 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



**Original Color**  
498A4D

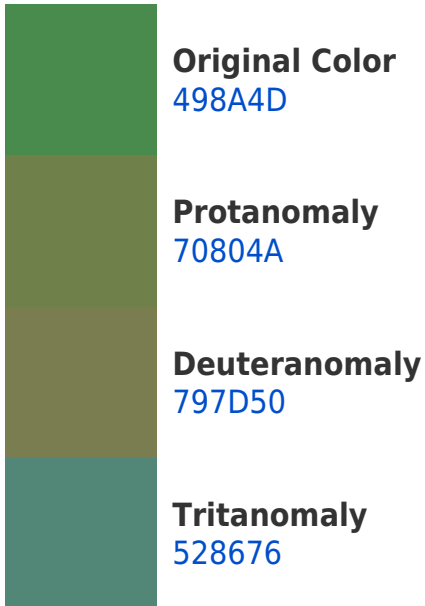
**Protanopia**  
877B48

**Deuteranopia**  
947652

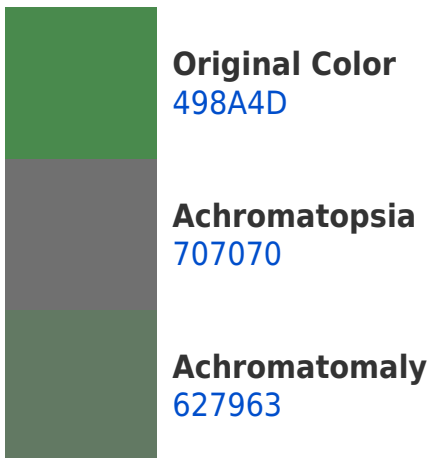


**Tritanopia**  
57838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 498A4D 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 #498A4D looks like.

```
.text, #text, p{  
    color:#498A4D  
}
```

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 #498A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498A4D
}
```

## Border

The CSS property to change the border of an element to Hex 498A4D 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
#498A4D }
```

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

```
.border{ border-color:#498A4D }
```

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

Here you see how a box with a 4 pixel #498A4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498A4D; -webkit-box-shadow:4px 4px  
4px 4px #498A4D; box-shadow:4px 4px 4px  
4px #498A4D }
```

# Background

The CSS property to change the background color of an element to Hex 498A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498A4D }
```

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

```
.background{ background-color:#498A4D }
```

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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