

# Converting Colors

Hex(498D3B)

Have a look what the booklet for  
Hex(498D3B) contains.

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# Color

Hex(498D3B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	498D3B
RGB	73, 141, 59
RGB Percent	29%, 55%, 23%
CMY	0.7137, 0.4471, 0.7686
CMYK	0.48, 0.00, 0.58, 0.45
HSL	110°, 41%, 39%
HSV	110°, 58%, 55%
XYZ	13.0619, 20.7820, 7.4606
YIQ	111.3200, -14.2060, -39.9180

# Conversions

## Conversions Part 2

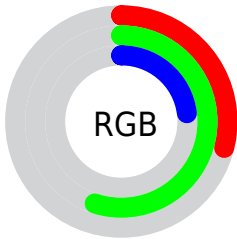
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 141, 127
Decimal	4820283
CIELab	52.71, -38.14, 36.63
CIELCh	53, 52.878, 136.161
Yxy	20.7820, 0.3162, 0.5031
Android (android.graphics.Color)	4283010363 (0xFF498D3B)
YUV	111.3200, -25.7938, -33.6066
Hunter-Lab	45.5873, -28.6328, 22.2080

# Details

The Hex color **498D3B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7F3B8D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7FC36D**, and **0D5A08** is the 20% darker color. If you saturate the color by 10%, you get **3D8D2D**, and if you desaturate by 10%, it is **558D49**.

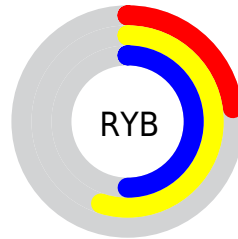
# Distribution



Red (29%)

Green (55%)

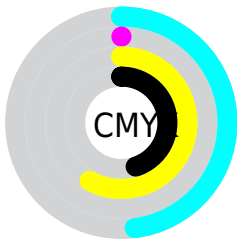
Blue (23%)



Red (23%)

Yellow (55%)

Blue (50%)

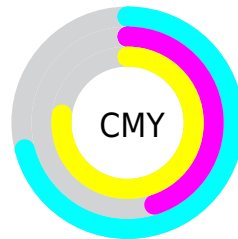


Cyan (48%)

Magenta (0%)

Yellow (58%)

Black (45%)



Cyan (71%)

Magenta (45%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 498D3B 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 498D3B by changing the saturation by 10% instead.



 498D3B

 498D3B

FFFFFF

 2E7323

 7FC36D

 0D5A08

 9ADF87

 004200

 B6FCA2

 002B00

 D2FFBD

 001100

 EFFF99

 000000

 FFFFF6

 498D3B

 498D3B

 3D8D2D

 558D49

■ 328D1F

■ 608D57

■ 268D11

■ 6C8D65

■ 1A8D03

■ 788D73

■ 188D00

■ 838D82

■ 8F8D90

■ 9B8D9E

■ A78DAC

■ B28DBA

# Harmonies

## Analogous

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



7E831C



498D3B



009267

# Triad

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



498D3B



0089D6



D05467

# Complementary

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



498D3B



7F3B8D

# 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.



C65695



498D3B



557AD5

# Square

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



498D3B



0091BE



9F67BD



C4623E

# Rectangle

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



498D3B



009486



9F67BD



D05376



# Sweetspot

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



498D3B



9EB898



8D7E3B



4D5C49



DBDBDB



5C5C5C



# Same Dimension

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



498D3B



4DB837



3B8D55



414740



178700



010800



# Inverse Universe

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



7F3B8D



A237B8



8D3B73



464047



700087



060008



# Previews

## White Background



This preview shows how the Hex color 498D3B looks on a white background.

## Color Contrast Check

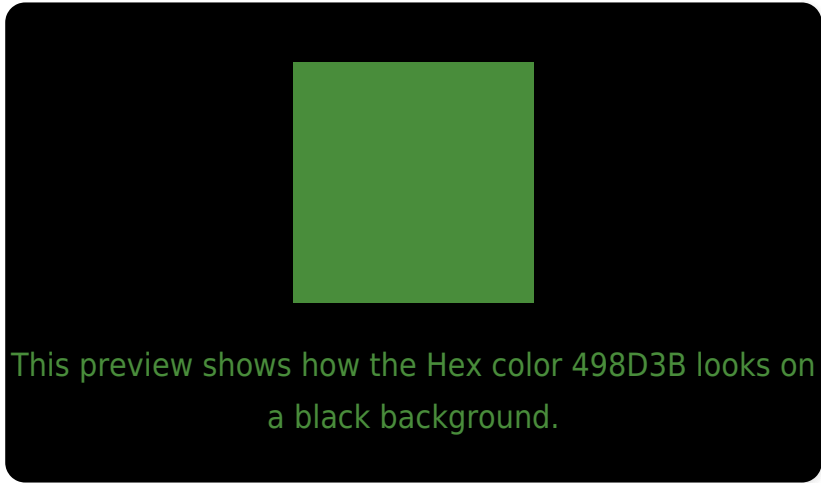
Large Text (above 18pt) WCAG AA ✓ Pass

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 498D3B Background



This preview shows how black text looks on a background with the Hex color 498D3B.



This preview shows how white text looks on a background with the Hex color 498D3B.

# 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**  
498D3B

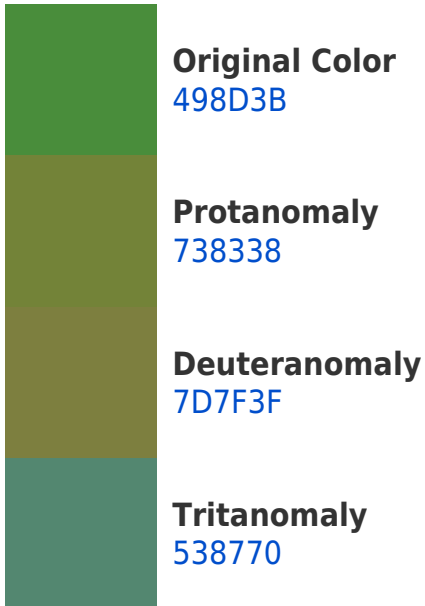
**Protanopia**  
8B7D36

**Deuteranopia**  
9A7741

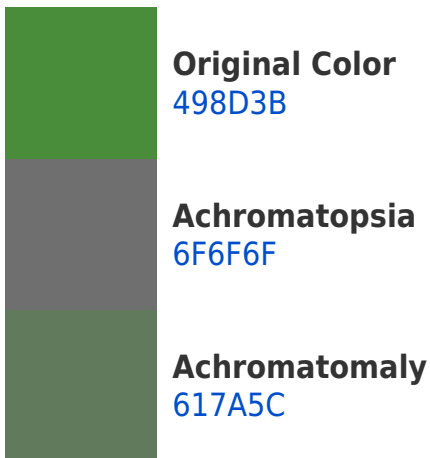


**Tritanopia**  
59848F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 498D3B 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 #498D3B looks like.

```
.text, #text, p{  
    color:#498D3B  
}
```

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 #498D3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498D3B
}
```

## Border

The CSS property to change the border of an element to Hex 498D3B 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
#498D3B }
```

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

```
.border{ border-color:#498D3B }
```

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

Here you see how a box with a 4 pixel #498D3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498D3B; -webkit-box-shadow:4px 4px  
4px 4px #498D3B; box-shadow:4px 4px 4px  
4px #498D3B }
```

# Background

The CSS property to change the background color of an element to Hex 498D3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498D3B }
```

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

```
.background{ background-color:#498D3B }
```

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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