

# Converting Colors

Hex(498033)

Have a look what the booklet for  
Hex(498033) contains.

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# Color

Hex(498033)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	498033
RGB	73, 128, 51
RGB Percent	29%, 50%, 20%
CMY	0.7137, 0.4980, 0.8000
CMYK	0.43, 0.00, 0.60, 0.50
HSL	103°, 43%, 35%
HSV	103°, 60%, 50%
XYZ	11.0644, 17.0938, 5.8483
YIQ	102.7770, -8.0630, -35.6070

# Conversions

## Conversions Part 2

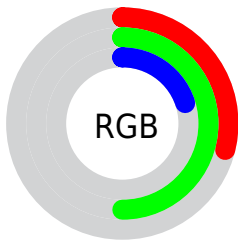
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 128, 106
Decimal	4816947
CIELab	48.38, -33.36, 35.54
CIElCh	48, 48.738, 133.187
Yxy	17.0938, 0.3254, 0.5027
Android (android.graphics.Color)	4283007027 (0xFF498033)
YUV	102.7770, -25.5261, -26.1144
Hunter-Lab	41.3447, -24.5843, 20.5546

# Details

The Hex color **498033** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6A3380**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7DB564**, and **134E00** is the 20% darker color. If you saturate the color by 10%, you get **408026**, and if you desaturate by 10%, it is **528040**.

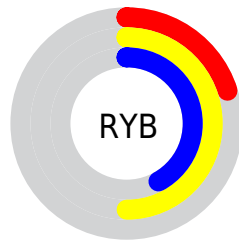
# Distribution



Red (29%)

Green (50%)

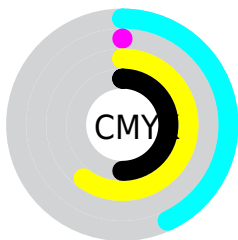
Blue (20%)



Red (20%)

Yellow (50%)

Blue (42%)

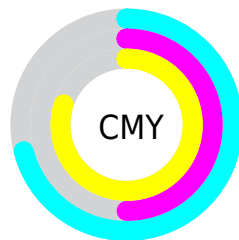


Cyan (43%)

Magenta (0%)

Yellow (60%)

Black (50%)



Cyan (71%)

Magenta (50%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 498033 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 498033 by changing the saturation by 10% instead.





498033



498033

FFFFFF



2F671B



7DB564



134E00



98D17E



003700



B4EE98



002300



D0FFB3



000000



EDFFCF



FFFEC



498033



498033



408026



528040

■ 378019

■ 5B804D

■ 2E800D

■ 648059

■ 258000

■ 6E8066

■ 778073

■ 808080

■ 89808D

■ 928099

■ 9B80A6

# Harmonies

## Analogous

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



77771A



498033



00855A

# Triad

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



498033



007EC2



BE4D62

# Complementary

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



498033



6A3380

# 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.



B2508C



498033



4571C3

# Square

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



498033



0085AA



8C60AF



B5583C

# Rectangle

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



498033



008776



8C60AF



BD4C70



# Sweetspot

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



498033



90A688



806933



475442



D4D4D4



545454



# Same Dimension

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



498033



51A62E



338042



3B4039



248000



000000



# Inverse Universe

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



6A3380



842EA6



803371



3E3940



5B0080



000000



# Previews

## White Background



This preview shows how the Hex color 498033 looks on a white background.

## Color Contrast Check

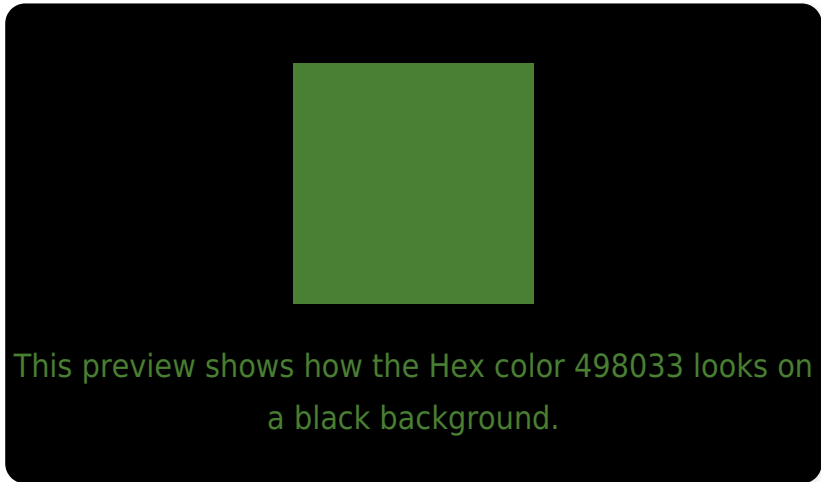
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

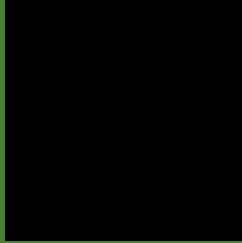
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 498033 Background



This preview shows how black text looks on a background with the Hex color 498033.



This preview shows how white text looks on a background with the Hex color 498033.

# 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**  
577882

# Trichromacy



**Original Color**  
498033

**Protanomaly**  
6B7830

**Deuteranomaly**  
747437

**Tritanomaly**  
527B65

# Monochromacy



**Original Color**  
498033

**Achromatopsia**  
676767

**Achromatomaly**  
5C7054

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 498033 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 #498033 looks like.

```
.text, #text, p{  
    color:#498033  
}
```

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 #498033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498033
}
```

## Border

The CSS property to change the border of an element to Hex 498033 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
#498033 }
```

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

```
.border{ border-color:#498033 }
```

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

Here you see how a box with a 4 pixel #498033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498033; -webkit-box-shadow:4px 4px  
4px 4px #498033; box-shadow:4px 4px 4px  
4px #498033 }
```

# Background

The CSS property to change the background color of an element to Hex 498033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498033 }
```

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

```
.background{ background-color:#498033 }
```

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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