

Converting Colors

Hex(498133)

Have a look what the booklet for
Hex(498133) contains.

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Color

Hex(498133)

Conversions

Conversions Part 1

Format	Color
Hex	498133
RGB	73, 129, 51
RGB Percent	29%, 51%, 20%
CMY	0.7137, 0.4941, 0.8000
CMYK	0.43, 0.00, 0.60, 0.49
HSL	103°, 43%, 35%
HSV	103°, 60%, 51%
XYZ	11.1955, 17.3560, 5.8919
YIQ	103.3640, -8.3380, -36.1300

Conversions

Conversions Part 2

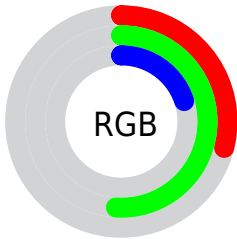
Format	Color
RYB	51, 129, 107
Decimal	4817203
CIELab	48.71, -33.81, 35.91
CIElCh	49, 49.322, 133.269
Yxy	17.3560, 0.3250, 0.5039
Android (android.graphics.Color)	4283007283 (0xFF498133)
YUV	103.3640, -25.8155, -26.6292
Hunter-Lab	41.6605, -24.9375, 20.7771

Details

The Hex color **498133** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6B3381**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7EB664**, and **124F00** is the 20% darker color. If you saturate the color by 10%, you get **408126**, and if you desaturate by 10%, it is **528140**.

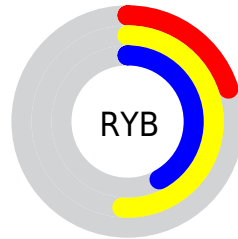
Distribution



Red (29%)

Green (51%)

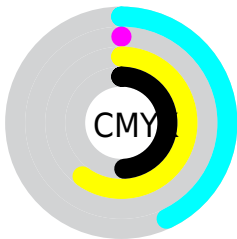
Blue (20%)



Red (20%)

Yellow (51%)

Blue (42%)

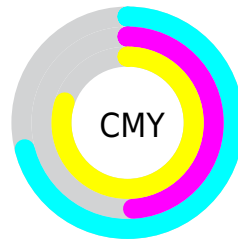


Cyan (43%)

Magenta (0%)

Yellow (60%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 498133 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 498133 by changing the saturation by 10% instead.

 498133

 498133

FFFFFF

 2F681B

 7EB664

 124F00

 99D27E

 003700

 B4EF98

 002400

 D0FFB4

 000000

 EDFFCF

 FFFFEC

 498133

 498133

 408126

 528140

■ 368119

■ 5C814D

■ 2D810C

■ 65815A

■ 248100

■ 6E8167

■ 778174

■ 818180

■ 8A818D

■ 93819A

■ 9C81A7

Harmonies

Analogous

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



787719



498133



00865A

Triad

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



498133



007FC3



C04D63

Complementary

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



498133



6B3381

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.



B3508D



498133



4572C5

Square

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



498133



0086AC



8E61B1



B6583C

Rectangle

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



498133



008877



8E61B1



BE4C71

Sweetspot

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



498133



93A88A



816B33



475442



D4D4D4



545454

Same Dimension

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



498133



50A82D



338144



3B4039



248000



000000

Inverse Universe

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



6B3381



862DA8



813370



3E3940



5C0080



000000

Previews

White Background



This preview shows how the Hex color 498133 looks on a white background.

Color Contrast Check

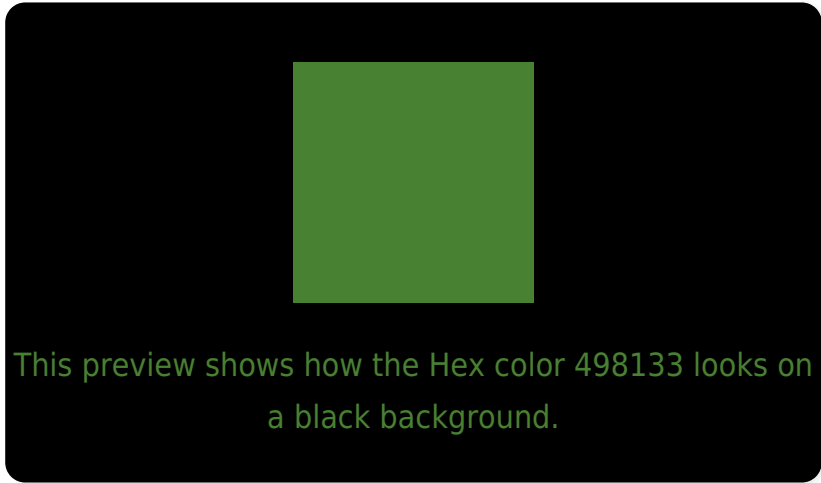
Large Text (above 18pt) WCAG AA ✓ Pass

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

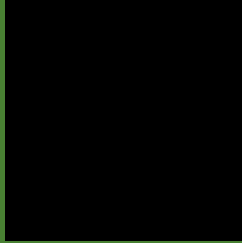
Any Text WCAG AA × Fail

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 498133 Background



This preview shows how black text looks on a background with the Hex color 498133.



This preview shows how white text looks on a background with the Hex color 498133.

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
577983

Trichromacy



Original Color
498133

Protanomaly
6C7830

Deuteranomaly
757537

Tritanomaly
527C66

Monochromacy



Original Color
498133

Achromatopsia
676767

Achromatomaly
5C7054

CSS Examples

Text

The CSS property to change the color of the text to Hex 498133 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 #498133 looks like.

```
.text, #text, p{  
    color:#498133  
}
```

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 #498133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498133
}
```

Border

The CSS property to change the border of an element to Hex 498133 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
#498133 }
```

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

```
.border{ border-color:#498133 }
```

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

Here you see how a box with a 4 pixel #498133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498133; -webkit-box-shadow:4px 4px  
4px 4px #498133; box-shadow:4px 4px 4px  
4px #498133 }
```

Background

The CSS property to change the background color of an element to Hex 498133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498133 }
```

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

```
.background{ background-color:#498133 }
```

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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