

# Converting Colors

Hex(498B51)

Have a look what the booklet for  
Hex(498B51) contains.

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# Color

**Hex(498B51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	498B51
RGB	73, 139, 81
RGB Percent	29%, 55%, 32%
CMY	0.7137, 0.4549, 0.6824
CMYK	0.47, 0.00, 0.42, 0.45
HSL	127°, 31%, 42%
HSV	127°, 47%, 55%
XYZ	13.4655, 20.4758, 11.0271
YIQ	112.6540, -20.7180, -32.0300

# Conversions

## Conversions Part 2

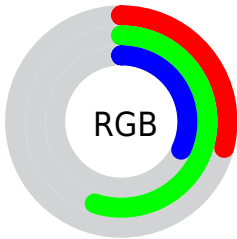
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 132, 139
Decimal	4819793
CIELab	52.37, -34.05, 24.66
CIElCh	52, 42.038, 144.090
Yxy	20.4758, 0.2994, 0.4553
Android (android.graphics.Color)	4283009873 (0xFF498B51)
YUV	112.6540, -15.6054, -34.7766
Hunter-Lab	45.2502, -26.0701, 17.2266

# Details

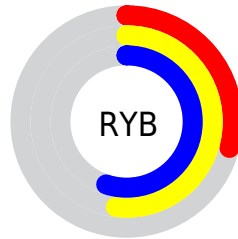
The Hex color **498B51** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B4983**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7EC183**, and **115823** is the 20% darker color. If you saturate the color by 10%, you get **3B8B45**, and if you desaturate by 10%, it is **578B5D**.

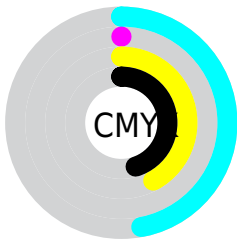
# Distribution



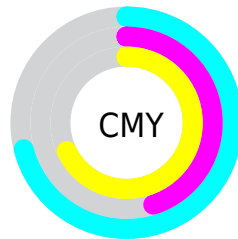
- Red (29%)
- Green (55%)
- Blue (32%)



- Red (29%)
- Yellow (52%)
- Blue (55%)



- Cyan (47%)
- Magenta (0%)
- Yellow (42%)
- Black (45%)



- Cyan (71%)
- Magenta (45%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 498B51 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 498B51 by changing the saturation by 10% instead.





498B51



498B51

FFFFFF



2F7139



7EC183



115823



99DD9D



00400D



B4FAB8



002A00



D1FFD4



000F00



EDFFF1



000000



498B51



498B51



3B8B45



578B5D



2D8B39




658B69

 1F8B2C

 738B76

 118B20

 818B82

 048B14

 8F8B8E

 008B11

 9C8B9A

 AA8BA7

 B88BB3

 C68BBF

# Harmonies

## Analogous

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



758438



498B51



008F74

# Triad

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



498B51



1D83C4



C06062

# Complementary

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



498B51



8B4983

# 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.



BC5F86



498B51



7476BF

# Square

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



498B51



008BB7



A368A8



B26B43

# Rectangle

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



498B51



008F8D



A368A8



C15E6D



# Sweetspot

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



498B51



9CB59F



838B49



4C5C4E



DBDBDB



5C5C5C



# Same Dimension

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



498B51



4EB55A



498B72



3E453F



008510



000501



# Inverse Universe

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



8B4983



B54EA9



8B4962



453E44



850075



050004



# Previews

## White Background



This preview shows how the Hex color 498B51 looks on a white background.

## Color Contrast Check

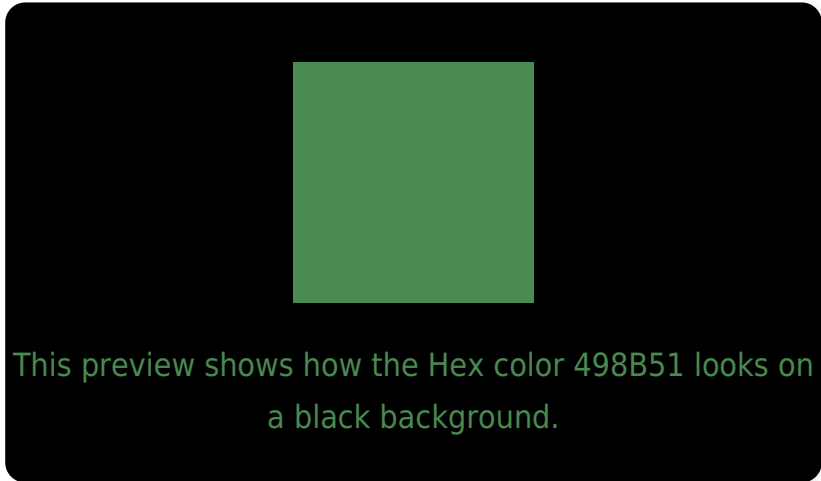
Large Text (above 18pt) WCAG AA ✓ Pass

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 498B51 Background



This preview shows how black text looks on a background with the Hex color 498B51.



This preview shows how white text looks on a background with the Hex color 498B51.

# 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**  
498B51

**Protanopia**  
887C4B

**Deuteranopia**  
947756



**Tritanopia**  
57848E

# Trichromacy



**Original Color**  
498B51

**Protanomaly**  
71814D

**Deuteranomaly**  
797E54

**Tritanomaly**  
528778

# Monochromacy



**Original Color**  
498B51

**Achromatopsia**  
717171

**Achromatomaly**  
627A65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 498B51 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 #498B51 looks like.

```
.text, #text, p{  
    color:#498B51  
}
```

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 #498B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498B51
}
```

## Border

The CSS property to change the border of an element to Hex 498B51 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
#498B51 }
```

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

```
.border{ border-color:#498B51 }
```

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

Here you see how a box with a 4 pixel #498B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498B51; -webkit-box-shadow:4px 4px  
4px 4px #498B51; box-shadow:4px 4px 4px  
4px #498B51 }
```

# Background

The CSS property to change the background color of an element to Hex 498B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498B51 }
```

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

```
.background{ background-color:#498B51 }
```

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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