

# Converting Colors

Hex(498B6B)

Have a look what the booklet for  
Hex(498B6B) contains.

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# Color

Hex(498B6B)

# Conversions

## Conversions Part 1

Format	Color
Hex	498B6B
RGB	73, 139, 107
RGB Percent	29%, 55%, 42%
CMY	0.7137, 0.4549, 0.5804
CMYK	0.47, 0.00, 0.23, 0.45
HSL	151°, 31%, 42%
HSV	151°, 47%, 55%
XYZ	14.6341, 20.9432, 17.1811
YIQ	115.6180, -29.0640, -23.9440

# Conversions

## Conversions Part 2

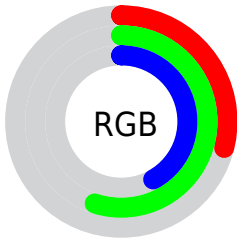
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 117, 139
Decimal	4819819
CIE <sub>Lab</sub>	52.89, -28.94, 10.70
CIE <sub>LCh</sub>	53, 30.855, 159.717
Yxy	20.9432, 0.2774, 0.3970
Android (android.graphics.Color)	4283009899 (0xFF498B6B)
YUV	115.6180, -4.2487, -37.3760
Hunter-Lab	45.7638, -23.0068, 9.7754

# Details

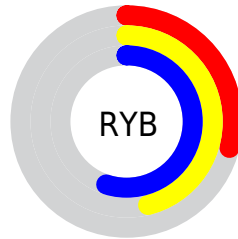
The Hex color **498B6B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B4969**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7DC19E**, and **12583C** is the 20% darker color. If you saturate the color by 10%, you get **3B8B64**, and if you desaturate by 10%, it is **578B72**.

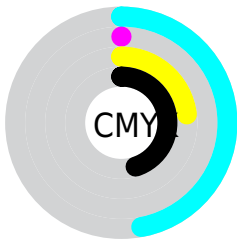
# Distribution



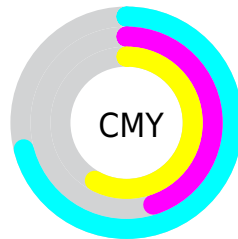
- Red (29%)
- Green (55%)
- Blue (42%)



- Red (29%)
- Yellow (46%)
- Blue (55%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (45%)



- Cyan (71%)
- Magenta (45%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 498B6B 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 498B6B by changing the saturation by 10% instead.





498B6B



498B6B

FFFFFF



2F7153



7DC19E



12583C



98DDB9



004026



B4FAD5



002A11



D0FFF1



001200



EDFFFF



000000



498B6B



498B6B



3B8B64



578B72



2D8B5E



658B78

■ 1F8B57

■ 738B7F

■ 118B50

■ 818B86

■ 048B49

■ 8F8B8D

■ 008B48

■ 9C8B93

■ AA8B9A

■ B88BA1

■ C68BA8

# Harmonies

## Analogous

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



6A8755



498B6B



218C86

# Triad

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



498B6B



667EB2



AE6E5E

# Complementary

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



498B6B



8B4969

# 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.



B26A77



498B6B



8C74A7

# Square

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



498B6B



3686AF



A66C91



9F764D

# Rectangle

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



498B6B



018C98



A66C91



B16C65



# Sweetspot

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



498B6B



9CB5A9



6A8B49



4C5C54



DBDBDB



5C5C5C



# Same Dimension

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



498B6B



4EB583



498B8B



3E4542



008544



000503



# Inverse Universe

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



8B4969



B54E80



8B4949



453E41



850040



050002



# Previews

## White Background



This preview shows how the Hex color 498B6B looks on a white background.

## Color Contrast Check

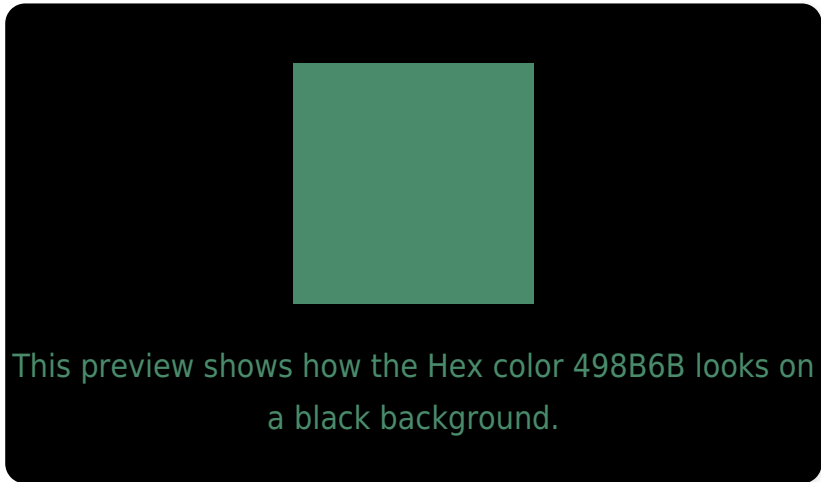
Large Text (above 18pt) WCAG AA ✓ Pass

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

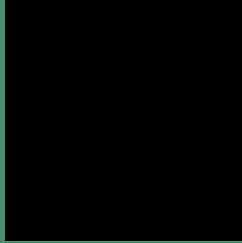
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 498B6B Background



This preview shows how black text looks on a background with the Hex color 498B6B.



This preview shows how white text looks on a background with the Hex color 498B6B.

# 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**  
498B6B

**Protanopia**  
857D64

**Deuteranopia**  
8F796F



**Tritanopia**  
538691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 498B6B 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 #498B6B looks like.

```
.text, #text, p{  
    color:#498B6B  
}
```

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 #498B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498B6B
}
```

## Border

The CSS property to change the border of an element to Hex 498B6B 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
#498B6B }
```

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

```
.border{ border-color:#498B6B }
```

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

Here you see how a box with a 4 pixel #498B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498B6B; -webkit-box-shadow:4px 4px  
4px 4px #498B6B; box-shadow:4px 4px 4px  
4px #498B6B }
```

# Background

The CSS property to change the background color of an element to Hex 498B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498B6B }
```

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

```
.background{ background-color:#498B6B }
```

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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