

# Converting Colors

Hex(498465)

Have a look what the booklet for  
Hex(498465) contains.

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# Color

Hex(498465)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	498465
RGB	73, 132, 101
RGB Percent	29%, 52%, 40%
CMY	0.7137, 0.4824, 0.6039
CMYK	0.45, 0.00, 0.23, 0.48
HSL	148°, 29%, 40%
HSV	148°, 45%, 52%
XYZ	13.3479, 18.8586, 15.2485
YIQ	110.8250, -25.2130, -22.1490

# Conversions

## Conversions Part 2

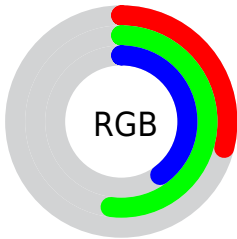
Format	Color
<a href="#">RYB</a>	<a href="#">73, 113, 132</a>
Decimal	<a href="#">4818021</a>
CIELab	<a href="#">50.52, -26.84, 10.83</a>
CIElCh	<a href="#">51, 28.940, 158.022</a>
Yxy	<a href="#">18.8586, 0.2813, 0.3974</a>
Android (android.graphics.Color)	<a href="#">4283008101 (0xFF498465)</a>
YUV	<a href="#">110.8250, -4.8437, -33.1725</a>
Hunter-Lab	<a href="#">43.4265, -21.1312, 9.5798</a>

# Details

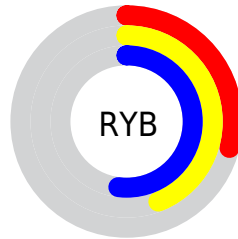
The Hex color **498465** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **844968**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7DB998**, and **155236** is the 20% darker color. If you saturate the color by 10%, you get **3C845E**, and if you desaturate by 10%, it is **56846C**.

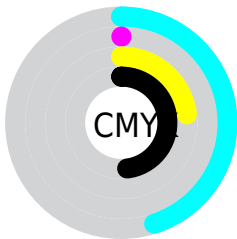
# Distribution



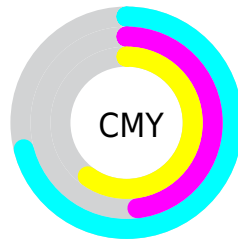
- Red (29%)
- Green (52%)
- Blue (40%)



- Red (29%)
- Yellow (44%)
- Blue (52%)



- Cyan (45%)
- Magenta (0%)
- Yellow (23%)
- Black (48%)



- Cyan (71%)
- Magenta (48%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 498465 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 498465 by changing the saturation by 10% instead.





498465



498465

FFFFFF



306B4D



7DB998



155236



97D5B3



003A21



B3F2CE



00250B



CFFFEA



000400



ECFFFF



000000



498465



498465



3C845E



56846C



2F8457



638473

 218450

 71847A

 148449

 7E8481

 078442

 8B8488

 00843F

 98848F

 A58496

 B3849C

 C084A3

# Harmonies

## Analogous

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



678051



498465



27867E

# Triad

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



498465



6078A9



A6695B

# Complementary

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



498465



844968

# 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.



A86572



498465



846F9F

# Square

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



498465



3580A5



9D688B



98704B

# Rectangle

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



498465



12858F



9D688B



A86762



# Sweetspot

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



498465



95AB9F



688449



49574F



D6D6D6



575757



# Same Dimension

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



498465



4FAB7A



498482



3C423F



00823E



000301



# Inverse Universe

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



844968



AB4F7F



84494B



423C3F



820044

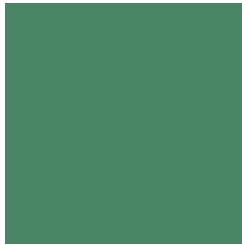


030001



# Previews

## White Background



This preview shows how the Hex color 498465 looks on a white background.

## Color Contrast Check

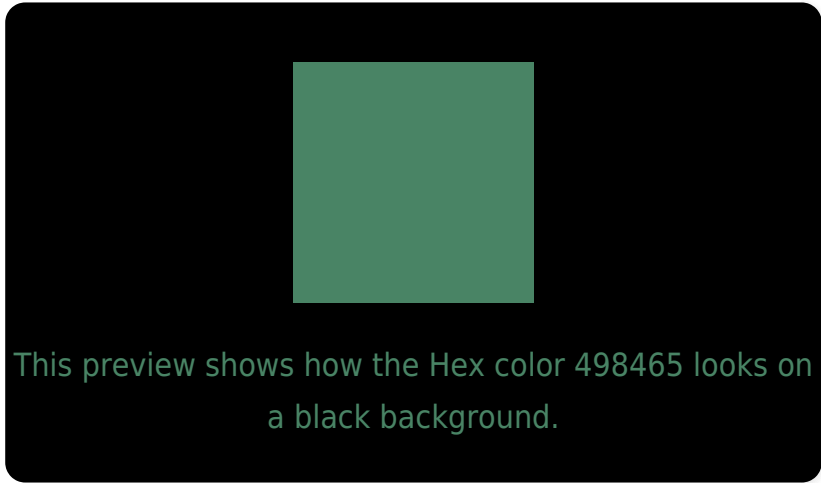
Large Text (above 18pt) WCAG AA ✓ Pass

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

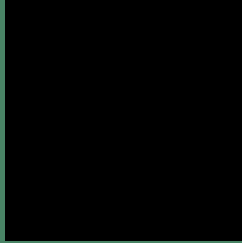
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 498465 Background



This preview shows how black text looks on a background with the Hex color 498465.

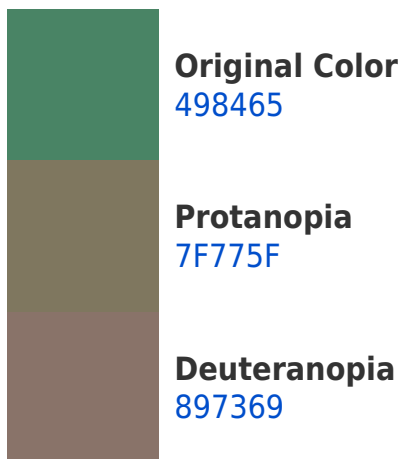


This preview shows how white text looks on a background with the Hex color 498465.

# 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](#).

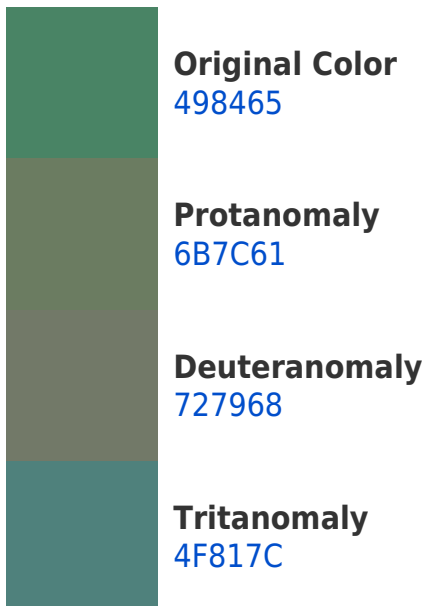
## Dichromacy



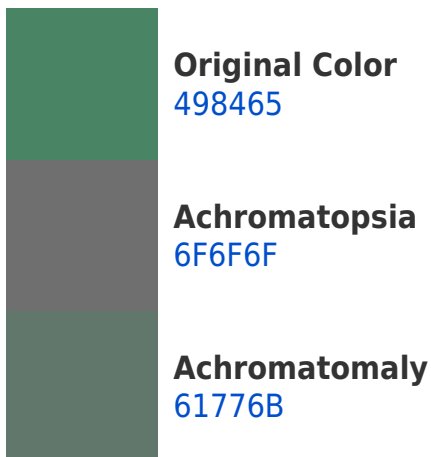


**Tritanopia**  
527F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 498465 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 #498465 looks like.

```
.text, #text, p{  
    color:#498465  
}
```

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 #498465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #498465
}
```

## Border

The CSS property to change the border of an element to Hex 498465 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".

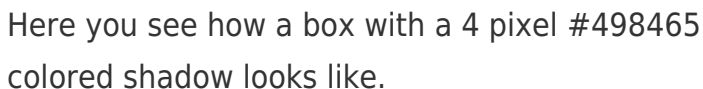
```
.border, #border, table{ border:4px solid
#498465 }
```

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

```
.border{ border-color:#498465 }
```

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

Here you see how a box with a 4 pixel #498465 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #498465; -webkit-box-shadow:4px 4px  
4px 4px #498465; box-shadow:4px 4px 4px  
4px #498465 }
```

# Background

The CSS property to change the background color of an element to Hex 498465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#498465 }
```

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

```
.background{ background-color:#498465 }
```

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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