

# Converting Colors

Hex(496449)

Have a look what the booklet for  
Hex(496449) contains.

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# Color

**Hex(496449)**

# Conversions

## Conversions Part 1

Format	Color
Hex	496449
RGB	73, 100, 73
RGB Percent	29%, 39%, 29%
CMY	0.7137, 0.6078, 0.7137
CMYK	0.27, 0.00, 0.27, 0.61
HSL	120°, 16%, 34%
HSV	120°, 27%, 39%
XYZ	8.5074, 11.0118, 7.9804
YIQ	88.8490, -7.4250, -14.1210

# Conversions

## Conversions Part 2

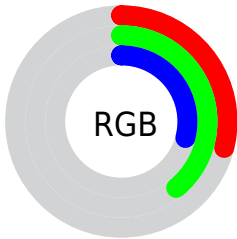
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 100, 100
Decimal	4809801
CIELab	39.60, -16.00, 12.16
CIElCh	40, 20.096, 142.749
Yxy	11.0118, 0.3094, 0.4004
Android (android.graphics.Color)	4282999881 (0xFF496449)
YUV	88.8490, -7.8136, -13.8996
Hunter-Lab	33.1841, -12.3101, 8.9702

# Details

The Hex color **496449** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **644964**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7A977A**, and **1C351D** is the 20% darker color. If you saturate the color by 10%, you get **3F643F**, and if you desaturate by 10%, it is **536453**.

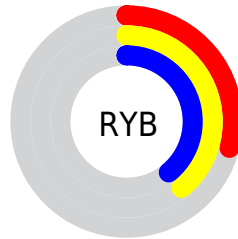
# Distribution



Red (29%)

Green (39%)

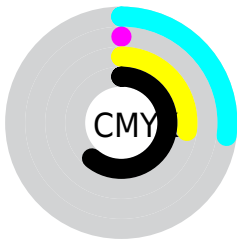
Blue (29%)



Red (29%)

Yellow (39%)

Blue (39%)

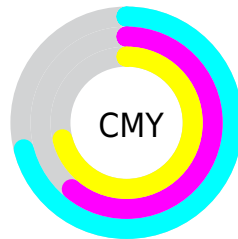


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 496449 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 496449 by changing the saturation by 10% instead.



 496449

 496449

FFFFFF

 324C32

 7A977A

 1C351D

 94B293

 072005

 AFCDAE

 000000

 CBEACA

 E7FFE6

 496449

 496449

 3F643F

 536453

 356435

 5D645D

■ 2B642B

■ 676467

■ 216421

■ 716471

■ 176417

■ 7B647B

■ 0D640D

■ 856485

■ 036403

■ 8F648F

■ 006400

■ 996499

■ A364A3

# Harmonies

## Analogous

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



5C603F



496449



366659

# Triad

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



496449



42607D



7E5251

# Complementary

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



496449



644964

# 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.



7B5162



496449



5A5A7B

# Square

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



496449



2D6477



6E5571



795544

# Rectangle

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



496449



2C6664



6E5571



7E5157



# Sweetspot

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



496449



788278



646449



3C423C



C2C2C2



424242



# Same Dimension

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



496449



588258



496457



2E332E



007300



00F200



# Inverse Universe

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



644964



825882



644957



332E33



730073

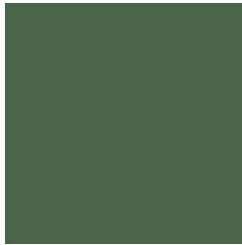


F200F2



# Previews

## White Background



This preview shows how the Hex color 496449 looks on a white background.

## Color Contrast Check

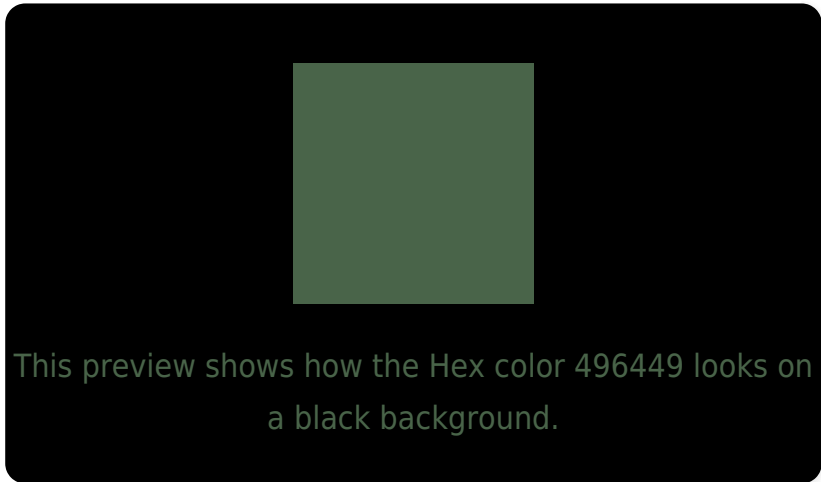
Large Text (above 18pt) WCAG AA ✓ Pass

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

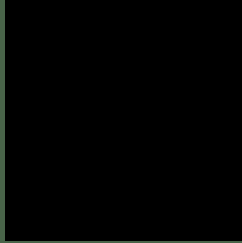
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 496449 Background



This preview shows how black text looks on a background with the Hex color 496449.



This preview shows how white text looks on a background with the Hex color 496449.

# 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](#).

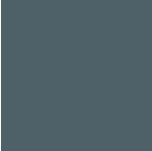
## Dichromacy



**Original Color**  
496449

**Protanopia**  
645D46

**Deuteranopia**  
6C594B



**Tritanopia**  
4E6068

# Trichromacy



**Original Color**  
496449

**Protanomaly**  
5A6047

**Deuteranomaly**  
5F5D4A

**Tritanomaly**  
4C615D

# Monochromacy



**Original Color**  
496449

**Achromatopsia**  
595959

**Achromatomaly**  
535D53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 496449 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 #496449 looks like.

```
.text, #text, p{  
    color:#496449  
}
```

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 #496449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496449
}
```

## Border

The CSS property to change the border of an element to Hex 496449 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".

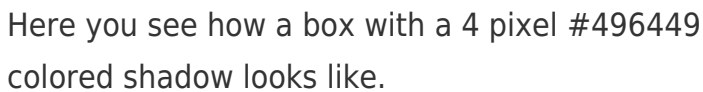
```
.border, #border, table{ border:4px solid
#496449 }
```

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

```
.border{ border-color:#496449 }
```

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

Here you see how a box with a 4 pixel #496449 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496449; -webkit-box-shadow:4px 4px  
4px 4px #496449; box-shadow:4px 4px 4px  
4px #496449 }
```

# Background

The CSS property to change the background color of an element to Hex 496449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496449 }
```

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

```
.background{ background-color:#496449 }
```

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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