

# Converting Colors

Hex(494C47)

Have a look what the booklet for  
Hex(494C47) contains.

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# Color

Hex(494C47)

# Conversions

## Conversions Part 1

Format	Color
Hex	494C47
RGB	73, 76, 71
RGB Percent	29%, 30%, 28%
CMY	0.7137, 0.7020, 0.7216
CMYK	0.04, 0.00, 0.07, 0.70
HSL	96°, 3%, 29%
HSV	96°, 7%, 30%
XYZ	6.4694, 7.0403, 6.9792
YIQ	74.5330, -0.1830, -2.1910

# Conversions

## Conversions Part 2

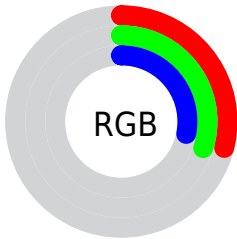
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 76, 74
Decimal	4803655
CIE Lab	31.90, -2.31, 2.54
CIE LCh	32, 3.436, 132.260
Yxy	7.0403, 0.3158, 0.3436
Android (android.graphics.Color)	4282993735 (0xFF494C47)
YUV	74.5330, -1.7418, -1.3444
Hunter-Lab	26.5335, -2.9117, 2.9783

# Details

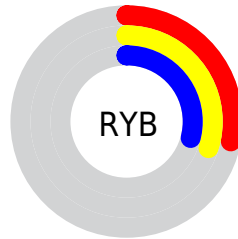
The Hex color **494C47** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A474C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7A7D77**, and **1D201C** is the 20% darker color. If you saturate the color by 10%, you get **444C3F**, and if you desaturate by 10%, it is **4E4C4F**.

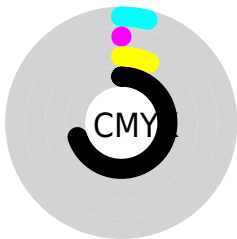
# Distribution



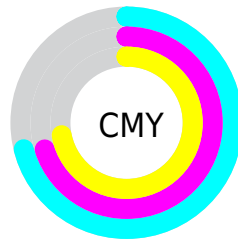
- Red (29%)
- Green (30%)
- Blue (28%)



- Red (28%)
- Yellow (30%)
- Blue (29%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (70%)



- Cyan (71%)
- Magenta (70%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 494C47 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 494C47 by changing the saturation by 10% instead.





494C47



494C47

FFFFFF



333531



7A7D77



1D201C



939791



040801



AEB1AB



000000



C9CDC7



E5E9E3



494C47



494C47



444C3F



4E4C4F



404C38



524C56

■ 3B4C30

■ 574C5E

■ 374C29

■ 5B4C65

■ 324C21

■ 604C6D

■ 2E4C19

■ 644C75

■ 294C12

■ 694C7C

■ 254C0A

■ 6D4C84

■ 204C03

■ 724C8B

# Harmonies

## Analogous

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



4C4B46



494C47



464D49

# Triad

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



494C47



474C50



51494A

# Complementary

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



494C47



4A474C

# 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.



50494D



494C47



4A4B50

# Square

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



494C47



454C4F



4D4A4F



514A48

# Rectangle

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



494C47



454D4B



4D4A4F



51494B



# Sweetspot

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



494C47



626361



4C4A47



323332



B3B3B3



333333



# Same Dimension

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



494C47



5F635B



474C48



242622



296600



5CE600



# Inverse Universe

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



4A474C



605B63



4C474C



252226



3D0066



8A00E6



# Previews

## White Background



This preview shows how the Hex color 494C47 looks on a white background.

## Color Contrast Check

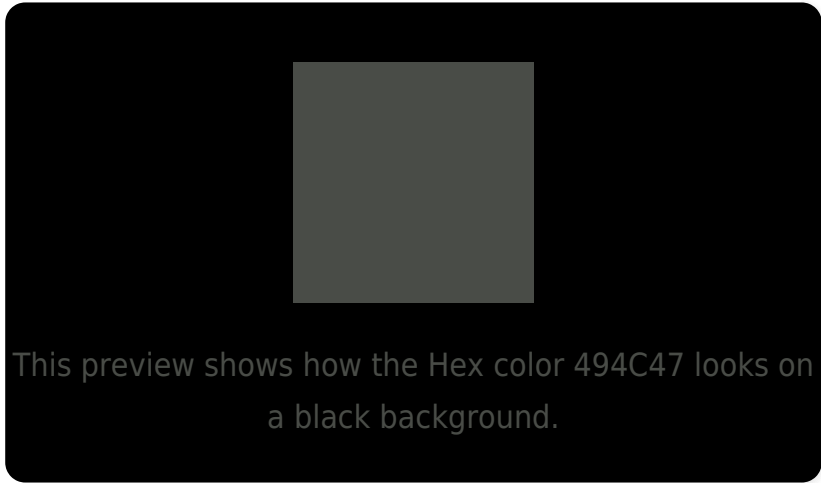
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

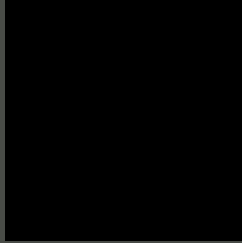
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

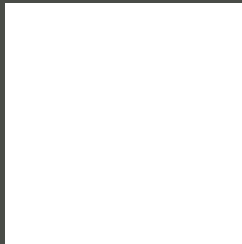
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 494C47 Background



This preview shows how black text looks on a background with the Hex color 494C47.



This preview shows how white text looks on a background with the Hex color 494C47.

# 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](#).

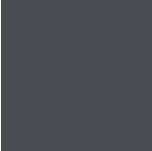
## Dichromacy



**Original Color**  
494C47

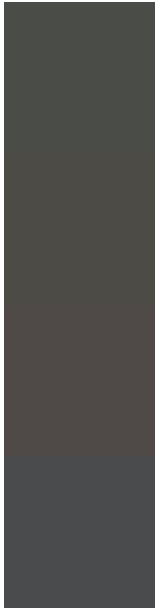
**Protanopia**  
4D4B46

**Deuteranopia**  
534848



**Tritanopia**  
4A4B50

# Trichromacy



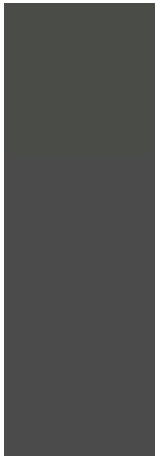
**Original Color**  
494C47

**Protanomaly**  
4C4B46

**Deuteranomaly**  
4F4948

**Tritanomaly**  
4A4B4D

# Monochromacy



**Original Color**  
494C47

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
4A4B4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 494C47 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 #494C47 looks like.

```
.text, #text, p{  
    color:#494C47  
}
```

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 #494C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494C47
}
```

## Border

The CSS property to change the border of an element to Hex 494C47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

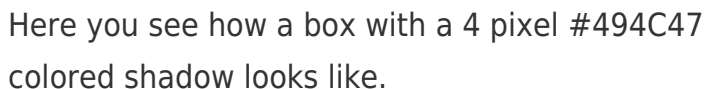
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494C47 }
```

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

```
.border{ border-color:#494C47 }
```

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



Here you see how a box with a 4 pixel #494C47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494C47; -webkit-box-shadow:4px 4px  
4px 4px #494C47; box-shadow:4px 4px 4px  
4px #494C47 }
```

# Background

The CSS property to change the background color of an element to Hex 494C47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494C47 }
```

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

```
.background{ background-color:#494C47 }
```

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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