

# Converting Colors

Hex(494E49)

Have a look what the booklet for  
Hex(494E49) contains.

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# Color

**Hex(494E49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	494E49
RGB	73, 78, 73
RGB Percent	29%, 31%, 29%
CMY	0.7137, 0.6941, 0.7137
CMYK	0.06, 0.00, 0.06, 0.69
HSL	120°, 3%, 30%
HSV	120°, 6%, 31%
XYZ	6.6746, 7.3463, 7.3695
YIQ	75.9350, -1.3750, -2.6150

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 78, 78
Decimal	4804169
CIELab	32.58, -3.12, 2.26
CIELCh	33, 3.853, 144.145
Yxy	7.3463, 0.3120, 0.3434
Android (android.graphics.Color)	4282994249 (0xFF494E49)
YUV	75.9350, -1.4470, -2.5740
Hunter-Lab	27.1040, -3.4746, 2.8520

# Details

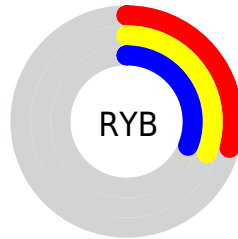
The Hex color **494E49** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E494E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7A7F7A**, and **1D221E** is the 20% darker color. If you saturate the color by 10%, you get **414E41**, and if you desaturate by 10%, it is **514E51**.

# Distribution



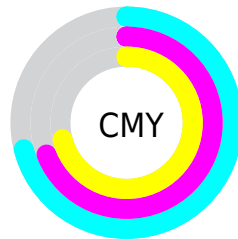
- Red (29%)
- Green (31%)
- Blue (29%)



- Red (29%)
- Yellow (31%)
- Blue (31%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (69%)



- Cyan (71%)
- Magenta (69%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 494E49 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 494E49 by changing the saturation by 10% instead.





494E49



494E49

FFFFFF



323733



7A7F7A



1D221E



939993



040C04



AEB4AE



000000



C9CFC9



E5EBE5



494E49



494E49



414E41



514E51



394E39



594E59

■ 324E32

■ 604E60

■ 2A4E2A

■ 684E68

■ 224E22

■ 704E70

■ 1A4E1A

■ 784E78

■ 124E12

■ 804E80

■ 0B4E0B

■ 874E87

■ 034E03

■ 8F4E8F

# Harmonies

## Analogous

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



4C4D47



494E49



464E4C

# Triad

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



494E49



494D53



534B4A

# Complementary

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



494E49



4E494E

# 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.



534B4D



494E49



4D4C52

# Square

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



494E49



464E51



504B50



524B48

# Rectangle

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



494E49



454E4E



504B50



534B4B



# Sweetspot

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



494E49



646664



4E4E49



323332



B3B3B3



333333



# Same Dimension

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



494E49



5E665E



494E4C



222622



006600



00E600



# Inverse Universe

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



4E494E



665E66



4E494C



262226



660066



E600E6



# Previews

## White Background



This preview shows how the Hex color 494E49 looks on a white background.

## Color Contrast Check

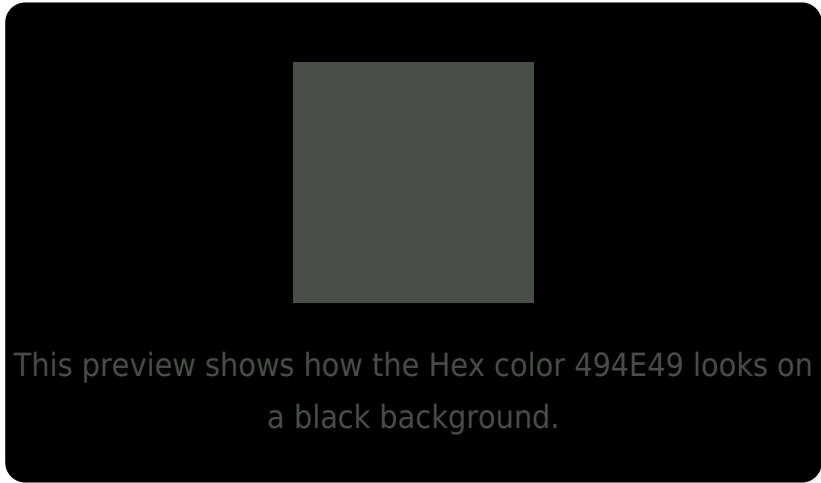
Large Text (above 18pt) WCAG AA ✓ Pass

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

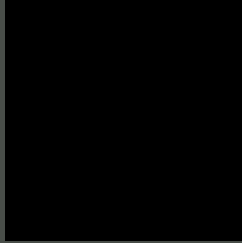
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

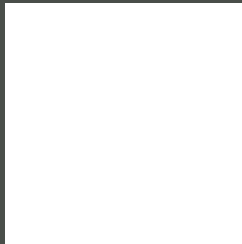
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 494E49 Background



This preview shows how black text looks on a background with the Hex color 494E49.



This preview shows how white text looks on a background with the Hex color 494E49.

# 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**

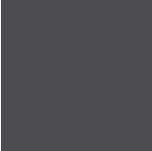
494E49

**Protanopia**

4F4C48

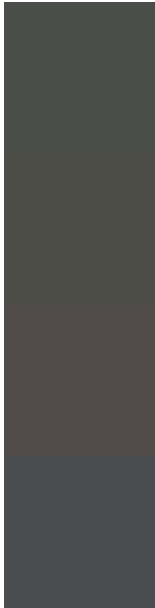
**Deuteranopia**

554A4A



**Tritanopia**  
4B4D53

# Trichromacy



**Original Color**

494E49

**Protanomaly**

4D4D48

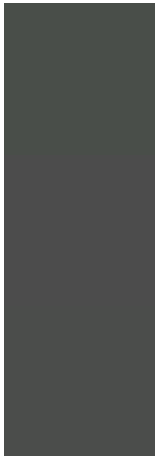
**Deuteranomaly**

514B4A

**Tritanomaly**

4A4D4F

# Monochromacy



**Original Color**

494E49

**Achromatopsia**

4C4C4C

**Achromatomaly**

4B4D4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 494E49 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 #494E49 looks like.

```
.text, #text, p{  
    color:#494E49  
}
```

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 #494E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494E49
}
```

## Border

The CSS property to change the border of an element to Hex 494E49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

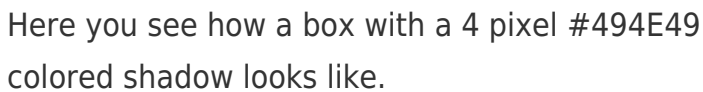
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494E49 }
```

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

```
.border{ border-color:#494E49 }
```

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



Here you see how a box with a 4 pixel #494E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494E49; -webkit-box-shadow:4px 4px  
4px 4px #494E49; box-shadow:4px 4px 4px  
4px #494E49 }
```

# Background

The CSS property to change the background color of an element to Hex 494E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494E49 }
```

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

```
.background{ background-color:#494E49 }
```

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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