

# Converting Colors

Hex(494E4D)

Have a look what the booklet for  
Hex(494E4D) contains.

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# Color

Hex(494E4D)

# Conversions

## Conversions Part 1

Format	Color
Hex	494E4D
RGB	73, 78, 77
RGB Percent	29%, 31%, 30%
CMY	0.7137, 0.6941, 0.6980
CMYK	0.06, 0.00, 0.01, 0.69
HSL	168°, 3%, 30%
HSV	168°, 6%, 31%
XYZ	6.8116, 7.4011, 8.0907
YIQ	76.3910, -2.6590, -1.3710

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 76, 78
Decimal	4804173
CIE <sub>Lab</sub>	32.70, -2.24, -0.11
CIE <sub>LCh</sub>	33, 2.244, 182.854
Yxy	7.4011, 0.3054, 0.3318
Android (android.graphics.Color)	4282994253 (0xFF494E4D)
YUV	76.3910, 0.3002, -2.9739
Hunter-Lab	27.2049, -2.9155, 1.4106

# Details

The Hex color **494E4D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E494A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7A7F7E**, and **1D2221** is the 20% darker color. If you saturate the color by 10%, you get **414E4B**, and if you desaturate by 10%, it is **514E4F**.

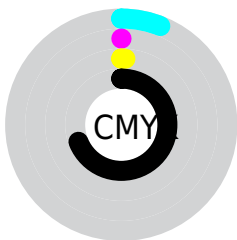
# Distribution



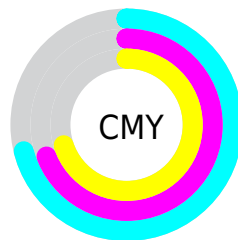
- Red (29%)
- Green (31%)
- Blue (30%)



- Red (29%)
- Yellow (30%)
- Blue (31%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (69%)



- Cyan (71%)
- Magenta (69%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 494E4D 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 494E4D by changing the saturation by 10% instead.



■ 494E4D

■ 494E4D

FFFFFF

■ 323736

■ 7A7F7E

■ 1D2221

■ 939998

■ 040C0A

■ AEB4B2

■ 000000

■ C9CFCE

■ E5EBEA

■ 494E4D

■ 494E4D

■ 414E4B

■ 514E4F

■ 394E4A

■ 594E50

■ 324E48

■ 604E52

■ 2A4E47

■ 684E53

■ 224E45

■ 704E55

■ 1A4E44

■ 784E56

■ 124E42

■ 804E58

■ 0B4E41

■ 874E59

■ 034E3F

■ 8F4E5B

# Harmonies

## Analogous

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



4A4E4B



494E4D



494E4F

# Triad

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



494E4D



4E4C50



504C4A

# Complementary

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



494E4D



4E494A

# 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.



514C4B



494E4D



4F4C4F

# Square

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



494E4D



4B4D50



514C4D



4E4D49

# Rectangle

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



494E4D



494E50



514C4D



504C4A



# Sweetspot

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



494E4D



646666



4A4E49



323333



B3B3B3



333333



# Same Dimension

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



494E4D



5E6664



494D4E



222625



006652



00E6B8



# Inverse Universe

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



4E494A



665E5F



4E4A49



262223



660014

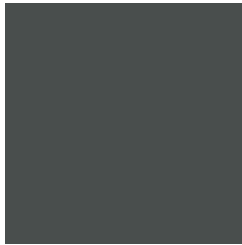


E6002E



# Previews

## White Background



This preview shows how the Hex color 494E4D looks on a white background.

## Color Contrast Check

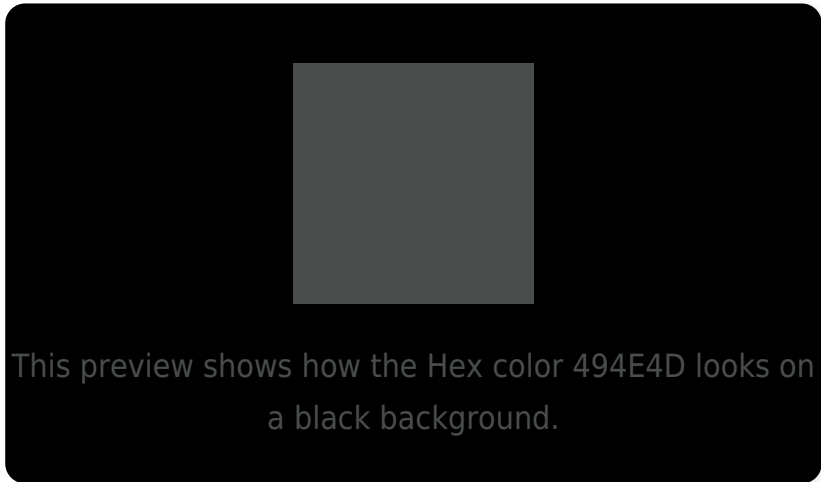
Large Text (above 18pt) WCAG AA ✓ Pass

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

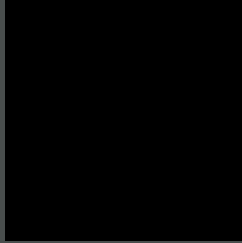
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

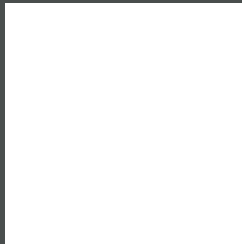
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 494E4D Background



This preview shows how black text looks on a background with the Hex color 494E4D.



This preview shows how white text looks on a background with the Hex color 494E4D.

# 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](#).

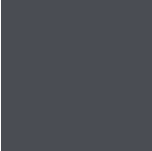
## Dichromacy



**Original Color**  
494E4D

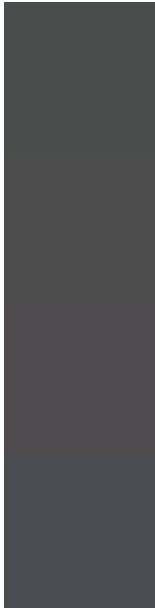
**Protanopia**  
4E4C4C

**Deuteranopia**  
544A4E



**Tritanopia**  
4A4D53

# Trichromacy



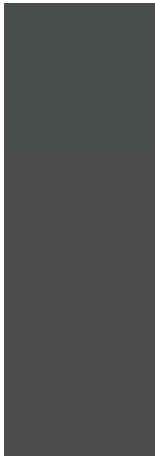
**Original Color**  
494E4D

**Protanomaly**  
4C4D4C

**Deuteranomaly**  
504B4E

**Tritanomaly**  
4A4D51

# Monochromacy



**Original Color**  
494E4D

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4B4D4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 494E4D 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 #494E4D looks like.

```
.text, #text, p{  
    color:#494E4D  
}
```

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 #494E4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494E4D
}
```

## Border

The CSS property to change the border of an element to Hex 494E4D is called "border". The border property can be set on classes, ids or directly on the HTML element.

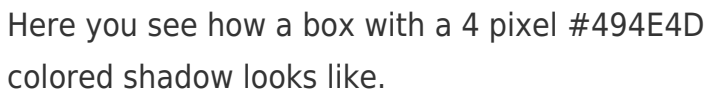
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494E4D }
```

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

```
.border{ border-color:#494E4D }
```

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



Here you see how a box with a 4 pixel #494E4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494E4D; -webkit-box-shadow:4px 4px  
4px 4px #494E4D; box-shadow:4px 4px 4px  
4px #494E4D }
```

# Background

The CSS property to change the background color of an element to Hex 494E4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494E4D }
```

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

```
.background{ background-color:#494E4D }
```

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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