

Converting Colors

Hex(494F48)

Have a look what the booklet for
Hex(494F48) contains.

Hex(494F48)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(494F48)

Conversions

Conversions Part 1

Format	Color
Hex	494F48
RGB	73, 79, 72
RGB Percent	29%, 31%, 28%
CMY	0.7137, 0.6902, 0.7176
CMYK	0.08, 0.00, 0.09, 0.69
HSL	111°, 5%, 30%
HSV	111°, 9%, 31%
XYZ	6.7133, 7.4763, 7.2201
YIQ	76.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

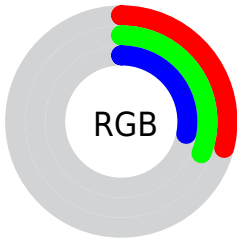
Format	Color
R_YB	72, 79, 78
Decimal	4804424
CIE Lab	32.87, -3.95, 3.30
CIE LCh	33, 5.152, 140.125
Yxy	7.4763, 0.3136, 0.3492
Android (android.graphics.Color)	4282994504 (0xFF494F48)
YUV	76.4080, -2.1731, -2.9888
Hunter-Lab	27.3428, -4.0239, 3.4839

Details

The Hex color **494F48** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E484F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7A8078**, and **1D231D** is the 20% darker color. If you saturate the color by 10%, you get **424F40**, and if you desaturate by 10%, it is **504F50**.

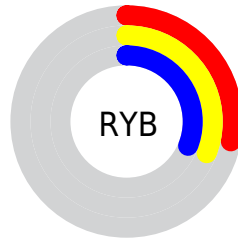
Distribution



Red (29%)

Green (31%)

Blue (28%)



Red (28%)

Yellow (31%)

Blue (31%)

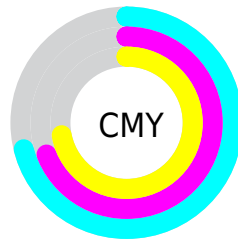


Cyan (8%)

Magenta (0%)

Yellow (9%)

Black (69%)



Cyan (71%)

Magenta (69%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 494F48 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 494F48 by changing the saturation by 10% instead.



494F48



494F48

FFFFFF



323832



7A8078



1D231D



939A92



040D02



AEB5AD



000000



C9D0C8



E5EDE4



494F48



494F48



424F40



504F50



3B4F38



574F58

■ 354F30

■ 5D4F60

■ 2E4F28

■ 644F68

■ 274F21

■ 6B4F70

■ 204F19

■ 724F77

■ 1A4F11

■ 784F7F

■ 134F09

■ 7F4F87

■ 0C4F01

■ 864F8F

Harmonies

Analogous

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



4E4E46



494F48



45504C

Triad

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



494F48



484E55



564B4B

Complementary

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



494F48



4E484F

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.



554B4F



494F48



4C4D55

Square

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



494F48



444F53



514B53



554B47

Rectangle

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



494F48



44504F



514B53



564B4C

Sweetspot

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



494F48



636663



4F4E48



313331



B3B3B3



333333

Same Dimension

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



494F48



5C665B



484F4A



232622



0F6600



21E600

Inverse Universe

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



4E484F



645B66



4F484D



262226



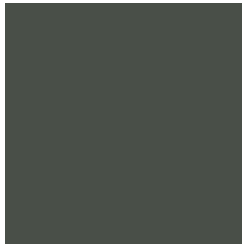
570066



C500E6

Previews

White Background



This preview shows how the Hex color 494F48 looks on a white background.

Color Contrast Check

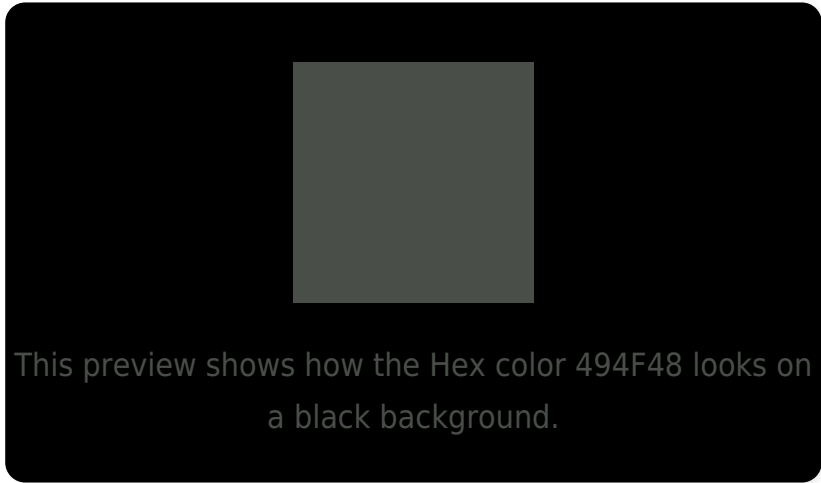
Large Text (above 18pt) WCAG AA ✓ Pass

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

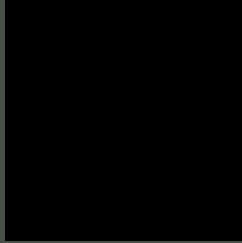
Any Text WCAG AA × Fail

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 494F48 Background



This preview shows how black text looks on a background with the Hex color 494F48.



This preview shows how white text looks on a background with the Hex color 494F48.

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

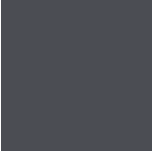
494F48

Protanopia

504D47

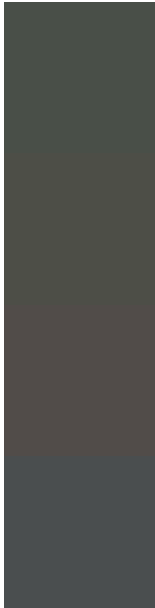
Deuteranopia

564B49



Tritanopia
4B4D53

Trichromacy



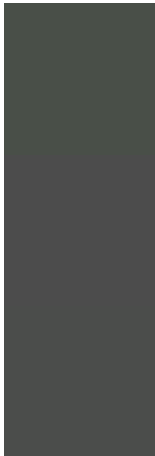
Original Color
494F48

Protanomaly
4D4E47

Deuteranomaly
514C49

Tritanomaly
4A4E4F

Monochromacy



Original Color
494F48

Achromatopsia
4C4C4C

Achromatomaly
4B4D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 494F48 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 #494F48 looks like.

```
.text, #text, p{  
    color:#494F48  
}
```

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 #494F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494F48
}
```

Border

The CSS property to change the border of an element to Hex 494F48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

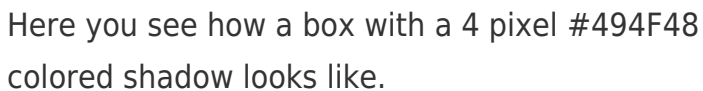
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494F48 }
```

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

```
.border{ border-color:#494F48 }
```

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



Here you see how a box with a 4 pixel #494F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494F48; -webkit-box-shadow:4px 4px  
4px 4px #494F48; box-shadow:4px 4px 4px  
4px #494F48 }
```

Background

The CSS property to change the background color of an element to Hex 494F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494F48 }
```

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

```
.background{ background-color:#494F48 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor