

Converting Colors

Hex(494846)

Have a look what the booklet for
Hex(494846) contains.

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Color

Hex(494846)

Conversions

Conversions Part 1

Format	Color
Hex	494846
RGB	73, 72, 70
RGB Percent	29%, 28%, 27%
CMY	0.7137, 0.7176, 0.7255
CMYK	0.00, 0.01, 0.04, 0.71
HSL	40°, 2%, 28%
HSV	40°, 4%, 29%
XYZ	6.1705, 6.4934, 6.7225
YIQ	72.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

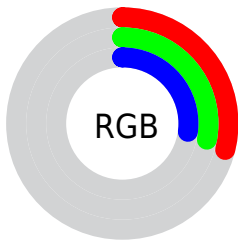
Format	Color
R_{YB}	72, 73, 70
Decimal	4802630
CIE Lab	30.62, -0.01, 1.34
CIE LCh	31, 1.340, 90.588
Yxy	6.4934, 0.3183, 0.3349
Android (android.graphics.Color)	4282992710 (0xFF494846)
YUV	72.0710, -1.0210, 0.8147
Hunter-Lab	25.4821, -1.3699, 2.1961

Details

The Hex color **494846** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **464749**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7A7876**, and **1E1D1B** is the 20% darker color. If you saturate the color by 10%, you get **49463F**, and if you desaturate by 10%, it is **494A4D**.

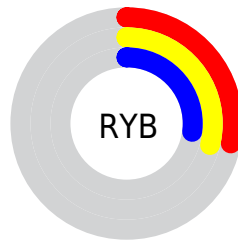
Distribution



Red (29%)

Green (28%)

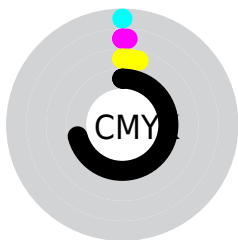
Blue (27%)



Red (28%)

Yellow (29%)

Blue (27%)

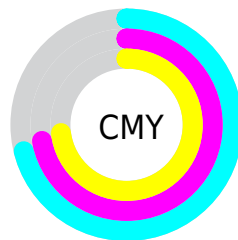


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (71%)



Cyan (71%)

Magenta (72%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 494846 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 494846 by changing the saturation by 10% instead.

■ 494846

■ 494846

FFFFFF

■ 333230

■ 7A7876

■ 1E1D1B

■ 939290

■ 030200

■ AEADAA

■ 000000

■ C9C8C6

■ E5E4E2

FFFFFFE

■ 494846

■ 494846

■ 49463F

■ 494A4D

■ 494337

■ 494D55

■ 494130

■ 494F5C

■ 493E29

■ 495263

■ 493C22

■ 49546B

■ 49391A

■ 495772

■ 493713

■ 495979

■ 49350C

■ 495B80

■ 493204

■ 495E88

Harmonies

Analogous

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



4A4846



494846



484846

Triad

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



494846



464949



4A4849

Complementary

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



494846



464749

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.



48484A



494846



46484A

Square

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



494846



464948



47484A



4A4748

Rectangle

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



494846



474947



47484A



494849

Sweetspot

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



494846



5E5E5D



494647



303030



B0B0B0

Same Dimension

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



494846



5E5D5A



494946



242322



634200



E39700

Inverse Universe

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



464749



5A5B5E



474649



222224



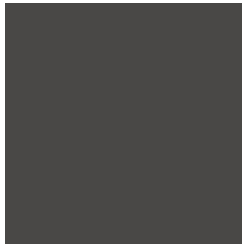
002163



004CE3

Previews

White Background



This preview shows how the Hex color 494846 looks on a white background.

Color Contrast Check

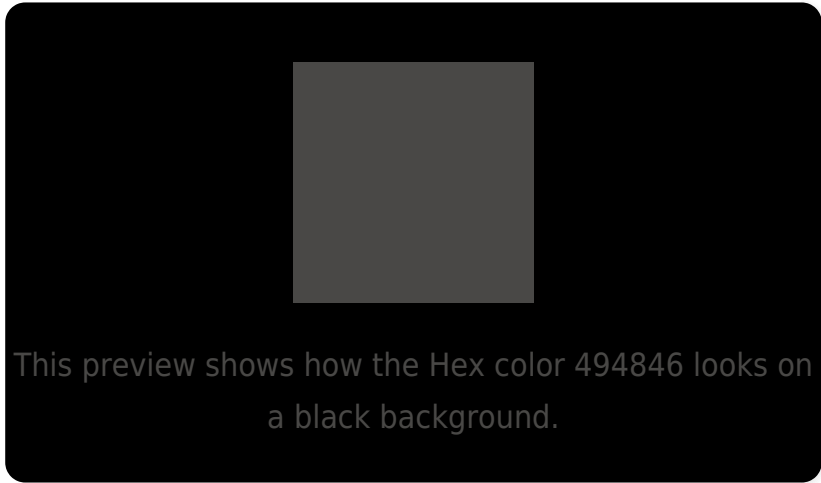
Large Text (above 18pt) WCAG AA ✓ Pass

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

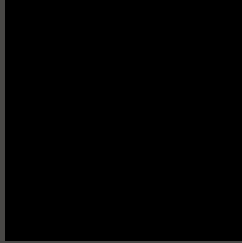
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

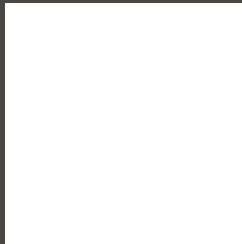
Any Text WCAG AAA × Fail

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

Hex 494846 Background



This preview shows how black text looks on a background with the Hex color 494846.



This preview shows how white text looks on a background with the Hex color 494846.

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
494846

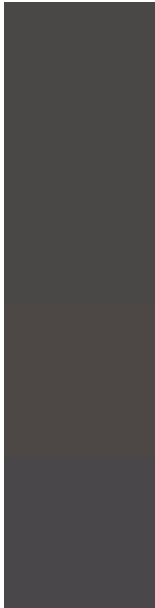
Protanopia
4A4846

Deuteranopia
504646



Tritanopia
4A474D

Trichromacy



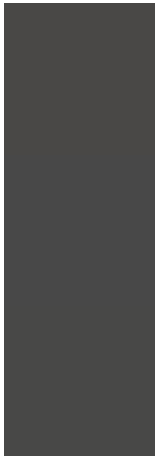
Original Color
494846

Protanomaly
4A4846

Deuteranomaly
4D4746

Tritanomaly
4A474A

Monochromacy



Original Color
494846

Achromatopsia
484848

Achromatomaly
484847

CSS Examples

Text

The CSS property to change the color of the text to Hex 494846 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 #494846 looks like.

```
.text, #text, p{  
    color:#494846  
}
```

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 #494846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494846
}
```

Border

The CSS property to change the border of an element to Hex 494846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

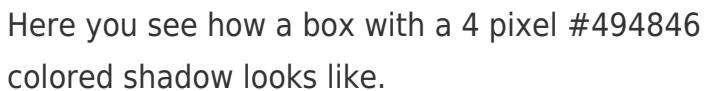
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494846 }
```

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

```
.border{ border-color:#494846 }
```

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



Here you see how a box with a 4 pixel #494846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494846; -webkit-box-shadow:4px 4px  
4px 4px #494846; box-shadow:4px 4px 4px  
4px #494846 }
```

Background

The CSS property to change the background color of an element to Hex 494846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494846 }
```

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

```
.background{ background-color:#494846 }
```

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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