

Converting Colors

Hex(493949)

Have a look what the booklet for
Hex(493949) contains.

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Color

Hex(493949)

Conversions

Conversions Part 1

Format	Color
Hex	493949
RGB	73, 57, 73
RGB Percent	29%, 22%, 29%
CMY	0.7137, 0.7765, 0.7137
CMYK	0.00, 0.22, 0.00, 0.71
HSL	300°, 12%, 25%
HSV	300°, 22%, 29%
XYZ	5.4134, 4.8238, 6.9491
YIQ	63.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

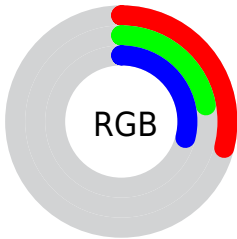
Format	Color
R_{YB}	73, 57, 73
Decimal	4798793
CIE Lab	26.23, 10.36, -7.12
CIE LCh	26, 12.574, 325.504
Yxy	4.8238, 0.3150, 0.2807
Android (android.graphics.Color)	4282988873 (0xFF493949)
YUV	63.6080, 4.6303, 8.2368
Hunter-Lab	21.9631, 5.5607, -3.3852

Details

The Hex color **493949** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **394939**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7A687A**, and **1D0F1D** is the 20% darker color. If you saturate the color by 10%, you get **493249**, and if you desaturate by 10%, it is **494049**.

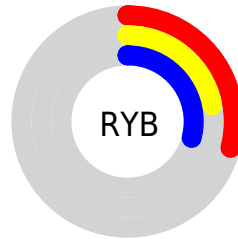
Distribution



Red (29%)

Green (22%)

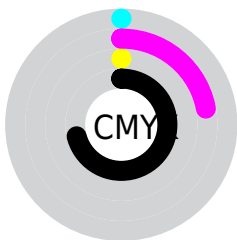
Blue (29%)



Red (29%)

Yellow (22%)

Blue (29%)

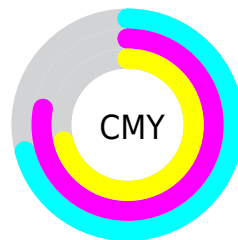


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493949 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 493949 by changing the saturation by 10% instead.



493949



493949

FFFFFF



322332



7A687A



1D0F1D



948193



000001



AE9BAE



000000



CAB6C9



E6D2E5



FFEEFF



493949



493949



493249



494049

■ 492A49

■ 494849

■ 492349

■ 494F49

■ 491C49

■ 495649

■ 491549

■ 495E49

■ 490D49

■ 496549

■ 490649

■ 496C49

■ 490049

■ 497349

■ 497B49

Harmonies

Analogous

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



3E3C4F



493949



503740

Triad

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



493949



463D2B



224346

Complementary

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



493949



394939

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.



27433C



493949



3C402D

Square

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



493949



4E3A2F



314233



25424D

Rectangle

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



493949



523739



314233



234343

Sweetspot

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



493949



5E585E



393949



302D30



B0B0B0



303030

Same Dimension

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



493949



5E465E



493941



242024



630063



E300E3

Inverse Universe

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



493949



5E465E



394941



242024



630063



E300E3

Previews

White Background



This preview shows how the Hex color 493949 looks on a white background.

Color Contrast Check

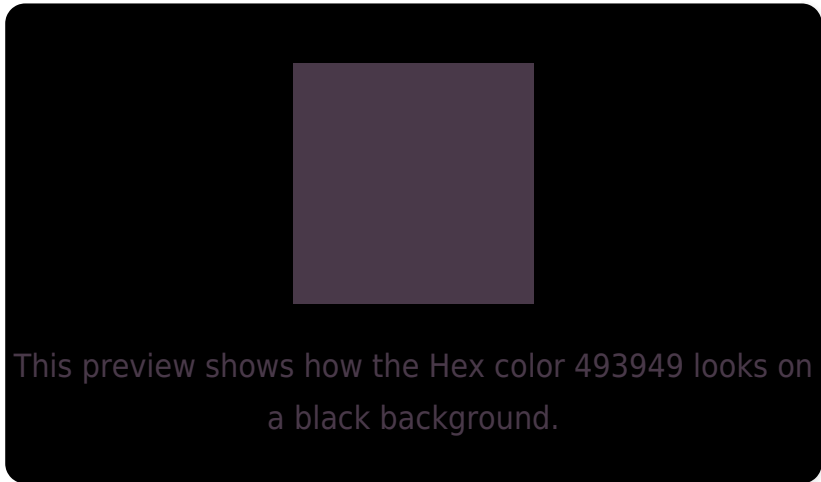
Large Text (above 18pt) WCAG AA ✓ Pass

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 493949 Background



This preview shows how black text looks on a background with the Hex color 493949.



This preview shows how white text looks on a background with the Hex color 493949.

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
493949

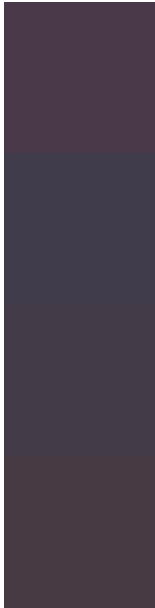
Protanopia
3B3E4C

Deuteranopia
3F3D48



Tritanopia
483B3F

Trichromacy



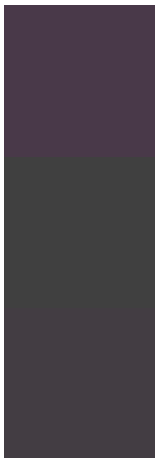
Original Color
493949

Protanomaly
403C4B

Deuteranomaly
433C48

Tritanomaly
483A43

Monochromacy



Original Color
493949

Achromatopsia
404040

Achromatomaly
433D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 493949 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 #493949 looks like.

```
.text, #text, p{  
    color:#493949  
}
```

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 #493949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493949
}
```

Border

The CSS property to change the border of an element to Hex 493949 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
#493949 }
```

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

```
.border{ border-color:#493949 }
```

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

Here you see how a box with a 4 pixel #493949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493949; -webkit-box-shadow:4px 4px  
4px 4px #493949; box-shadow:4px 4px 4px  
4px #493949 }
```

Background

The CSS property to change the background color of an element to Hex 493949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493949 }
```

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

```
.background{ background-color:#493949 }
```

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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