

# Converting Colors

Hex(494349)

Have a look what the booklet for  
Hex(494349) contains.

<b>Hex(494349)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(494349)

# Conversions

## Conversions Part 1

Format	Color
Hex	494349
RGB	73, 67, 73
RGB Percent	29%, 26%, 29%
CMY	0.7137, 0.7373, 0.7137
CMYK	0.00, 0.08, 0.00, 0.71
HSL	300°, 4%, 27%
HSV	300°, 8%, 29%
XYZ	5.9574, 5.9118, 7.1304
YIQ	69.4780, 1.6500, 3.1380

# Conversions

## Conversions Part 2

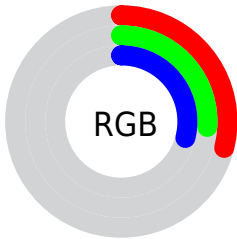
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 67, 73
Decimal	4801353
CIE Lab	29.19, 3.83, -2.70
CIE LCh	29, 4.691, 324.817
Yxy	5.9118, 0.3136, 0.3112
Android (android.graphics.Color)	4282991433 (0xFF494349)
YUV	69.4780, 1.7363, 3.0888
Hunter-Lab	24.3142, 1.1857, -0.3675

# Details

The Hex color **494349** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **434943**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7A737A**, and **1D181E** is the 20% darker color. If you saturate the color by 10%, you get **493C49**, and if you desaturate by 10%, it is **494A49**.

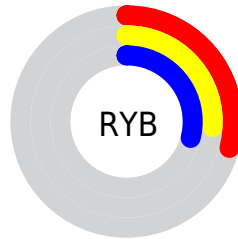
# Distribution



Red (29%)

Green (26%)

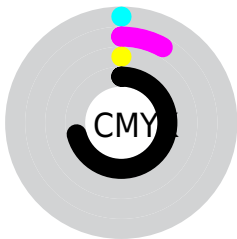
Blue (29%)



Red (29%)

Yellow (26%)

Blue (29%)

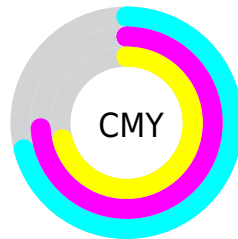


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (71%)



Cyan (71%)

Magenta (74%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 494349 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 494349 by changing the saturation by 10% instead.





494349



494349

FFFFFF



322D33



7A737A



1D181E



938C93



000003



AEA7AE



000000



C9C2C9



E5DEE5



FFFAFF



494349



494349



493C49



494A49

■ 493449

■ 495249

■ 492D49

■ 495949

■ 492649

■ 496049

■ 491F49

■ 496849

■ 491749

■ 496F49

■ 491049

■ 497649

■ 490949

■ 497D49

■ 490149

■ 498549

# Harmonies

## Analogous

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



45444B



494349



4C4246

# Triad

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



494349



49443E



3C4748

# Complementary

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



494349



434943

# 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.



3D4744



494349



44453E

# Square

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



494349



4C433F



404641



3D464B

# Rectangle

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



494349



4D4243



404641



3C4746



# Sweetspot

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



494349



5E5C5E



434349



302F30



B0B0B0



303030



# Same Dimension

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



494349



5E555E



494346



242024



630063



E300E3



# Inverse Universe

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



494349



5E555E



434946



242024



630063



E300E3



# Previews

## White Background



This preview shows how the Hex color 494349 looks on a white background.

## Color Contrast Check

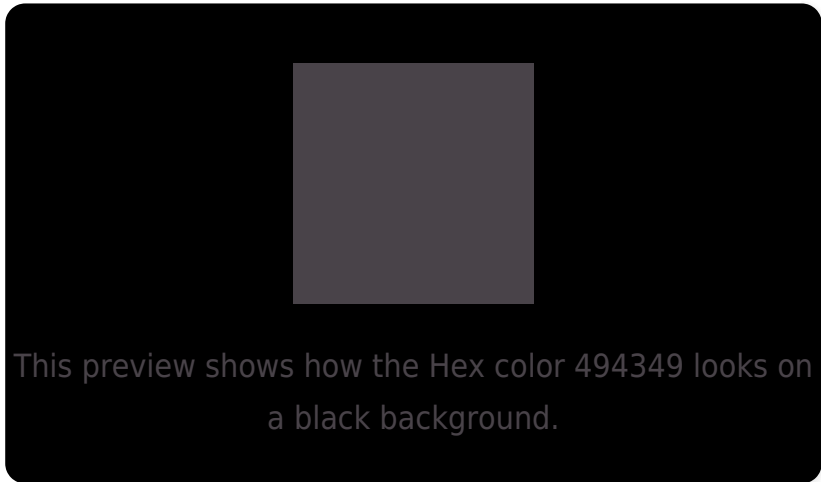
Large Text (above 18pt) WCAG AA ✓ Pass

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

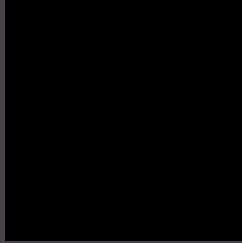
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 494349 Background



This preview shows how black text looks on a background with the Hex color 494349.

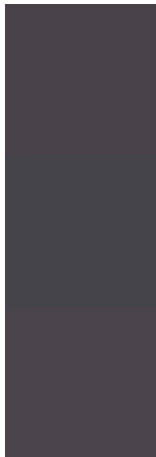


This preview shows how white text looks on a background with the Hex color 494349.

# 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**  
494349

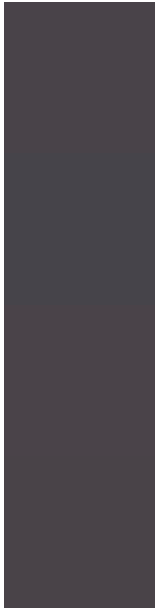
**Protanopia**  
45444A

**Deuteranopia**  
4A4349



**Tritanopia**  
494348

# Trichromacy



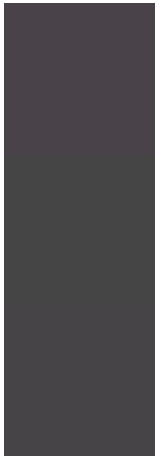
**Original Color**  
494349

**Protanomaly**  
46444A

**Deuteranomaly**  
4A4349

**Tritanomaly**  
494348

# Monochromacy



**Original Color**  
494349

**Achromatopsia**  
454545

**Achromatomaly**  
464446

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 494349 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 #494349 looks like.

```
.text, #text, p{  
    color:#494349  
}
```

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 #494349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494349
}
```

## Border

The CSS property to change the border of an element to Hex 494349 is called "border". The border property can be set on classes, ids or directly on the HTML element.

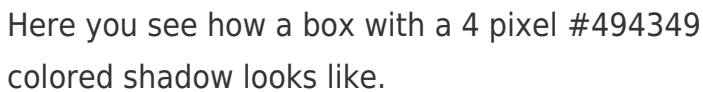
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#494349 }
```

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

```
.border{ border-color:#494349 }
```

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



Here you see how a box with a 4 pixel #494349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494349; -webkit-box-shadow:4px 4px  
4px 4px #494349; box-shadow:4px 4px 4px  
4px #494349 }
```

# Background

The CSS property to change the background color of an element to Hex 494349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494349 }
```

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

```
.background{ background-color:#494349 }
```

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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