

Converting Colors

Hex(534729)

Have a look what the booklet for
Hex(534729) contains.

Hex(534729)	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(534729)

Conversions

Conversions Part 1

Format	Color
Hex	534729
RGB	83, 71, 41
RGB Percent	33%, 28%, 16%
CMY	0.6745, 0.7216, 0.8392
CMYK	0.00, 0.14, 0.51, 0.67
HSL	43°, 34%, 24%
HSV	43°, 51%, 33%
XYZ	6.2208, 6.5056, 3.0257
YIQ	71.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

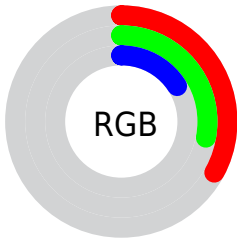
Format	Color
RYB	58, 83, 41
Decimal	5457705
CIELab	30.65, 0.40, 19.86
CIELCh	31, 19.863, 88.833
Yxy	6.5056, 0.3949, 0.4130
Android (android.graphics.Color)	4283647785 (0xFF534729)
YUV	71.1680, -14.8728, 10.3767
Hunter-Lab	25.5060, -1.1005, 10.8209

Details

The Hex color **534729** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **293553**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **867757**, and **261C00** is the 20% darker color. If you saturate the color by 10%, you get **534521**, and if you desaturate by 10%, it is **534931**.

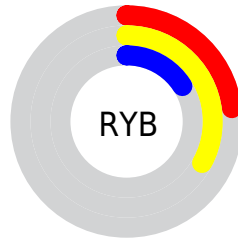
Distribution



Red (33%)

Green (28%)

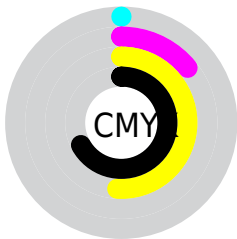
Blue (16%)



Red (23%)

Yellow (33%)

Blue (16%)

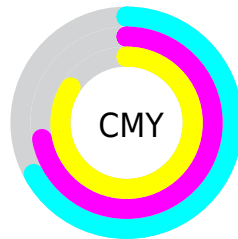


Cyan (0%)

Magenta (14%)

Yellow (51%)

Black (67%)



Cyan (67%)

Magenta (72%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 534729 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 534729 by changing the saturation by 10% instead.

■ 534729

■ 534729

FFFFFF

■ 3B3114

■ 867757

■ 261C00

■ A0916F

■ 050200

■ BBAB89

■ 000000

■ D7C7A3

■ F4E3BE

■ FFFFDA

■ FFFFF7

■ 534729

■ 534729

■ 534521

■ 534931

■ 534218

■ 534C3A

■ 534010

■ 534E42

■ 533E08

■ 53504A

■ 533B00

■ 535352

■ 53555B

■ 535863

■ 535A6B

■ 535C74

Harmonies

Analogous

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



5F422E



534729



434C2D

Triad

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



534729



0B5057



5B3F58

Complementary

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



534729



293553

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.



494463



534729



174E62

Square

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



534729



1C5047



314A67



653C49

Rectangle

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



534729



374E33



314A67



56415D

Sweetspot

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



534729



6B675B



532936



36332C



B5B5B5



363636

Same Dimension

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



534729



6B582A



4B5329



292825



694B00



E8A600

Inverse Universe

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



293553



2A3C6B



312953



252629



001E69



0042E8

Previews

White Background



This preview shows how the Hex color 534729 looks on a white background.

Color Contrast Check

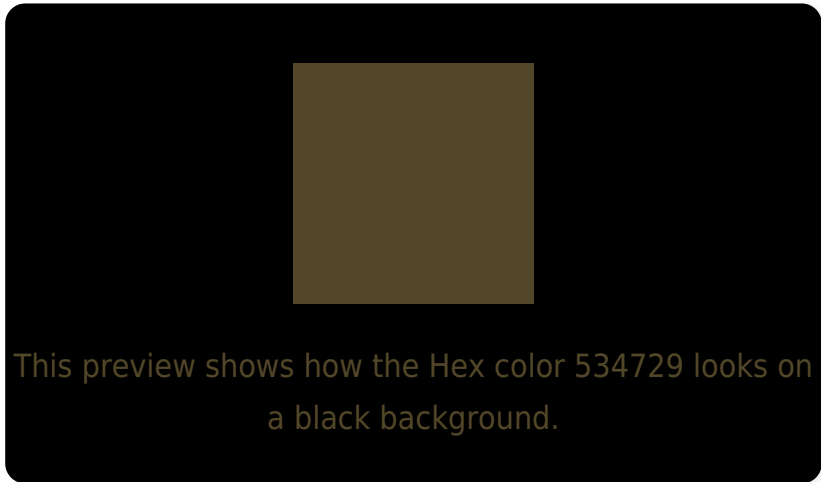
Large Text (above 18pt) WCAG AA ✓ Pass

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

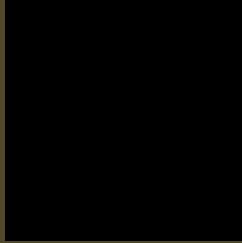
Any Text WCAG AA × Fail

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 534729 Background



This preview shows how black text looks on a background with the Hex color 534729.

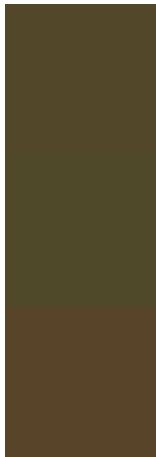


This preview shows how white text looks on a background with the Hex color 534729.

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](#).

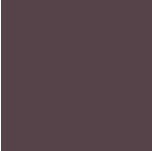
Dichromacy



Original Color
534729

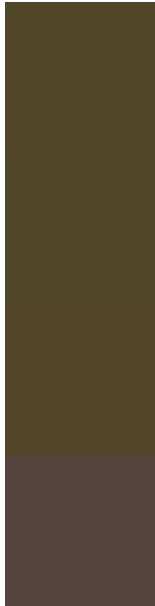
Protanopia
4F4829

Deuteranopia
584529



Tritanopia
564349

Trichromacy



Original Color
534729

Protanomaly
504829

Deuteranomaly
564629

Tritanomaly
55443D

Monochromacy



Original Color
534729

Achromatopsia
474747

Achromatomaly
4B473C

CSS Examples

Text

The CSS property to change the color of the text to Hex 534729 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 #534729 looks like.

```
.text, #text, p{  
    color:#534729  
}
```

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 #534729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534729  
}
```

Border

The CSS property to change the border of an element to Hex 534729 is called "border". The border property can be set on classes, ids or directly on the HTML element.

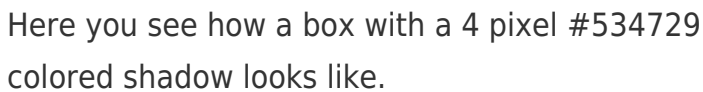
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#534729 }
```

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

```
.border{ border-color:#534729 }
```

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



Here you see how a box with a 4 pixel #534729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534729; -webkit-box-shadow:4px 4px  
4px 4px #534729; box-shadow:4px 4px 4px  
4px #534729 }
```

Background

The CSS property to change the background color of an element to Hex 534729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534729 }
```

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

```
.background{ background-color:#534729 }
```

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