

Converting Colors

Hex(534844)

Have a look what the booklet for
Hex(534844) contains.

| | |
|--|----|
| Hex(534844) | 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(534844)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 534844 |
| RGB | 83, 72, 68 |
| RGB Percent | 33%, 28%, 27% |
| CMY | 0.6745, 0.7176, 0.7333 |
| CMYK | 0.00, 0.13, 0.18, 0.67 |
| HSL | 16°, 10%, 30% |
| HSV | 16°, 18%, 33% |
| XYZ | 6.9280, 6.8911, 6.4338 |
| YIQ | 74.8330, 7.8400, 1.0880 |

Conversions

Conversions Part 2

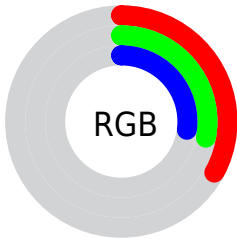
| Format | Color |
|-------------------------------------|--|
| RYB | 83, 73, 68 |
| Decimal | 5457988 |
| CIELab | 31.56, 3.87, 4.10 |
| CIElCh | 32, 5.637, 46.612 |
| Yxy | 6.8911, 0.3421, 0.3403 |
| Android (android.graphics.Color) | 4283648068 (0xFF534844) |
| YUV | 74.8330, -3.3687, 7.1625 |
| Hunter-Lab | 26.2509, 1.1700, 3.8443 |

Details

The Hex color **534844** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **444F53**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **857874**, and **261D19** is the 20% darker color. If you saturate the color by 10%, you get **53423C**, and if you desaturate by 10%, it is **534E4C**.

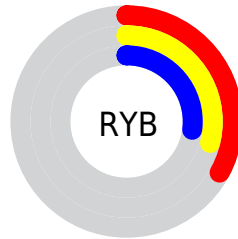
Distribution



 Red (33%)

 Green (28%)

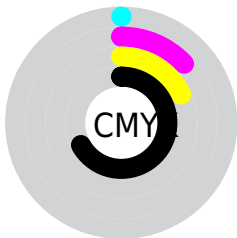
 Blue (27%)



 Red (33%)

 Yellow (29%)

 Blue (27%)

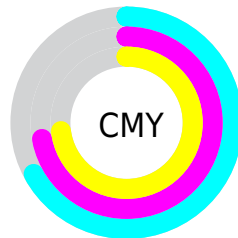


 Cyan (0%)

 Magenta (13%)

 Yellow (18%)

 Black (67%)



 Cyan (67%)

 Magenta (72%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 534844 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 534844 by changing the saturation by 10% instead.

■ 534844

■ 534844

FFFFFF

■ 3C322E

■ 857874

■ 261D19

■ 9F928E

■ 110200

■ BAADA8

■ 000000

■ D6C8C3

■ F2E4DF

FFFFFFC

■ 534844

■ 534844

■ 53423C

■ 534E4C

■ 533C33

■ 535455

■ 53362B

■ 535A5D

■ 533023

■ 536065

■ 532A1A

■ 53666D

■ 532312

■ 536D76

■ 531D0A

■ 53737E

■ 531702

■ 537986

■ 531600

■ 537F8F

Harmonies

Analogous

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



544748



534844



504942

Triad

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



534844



424D48



494A53

Complementary

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



534844



444F53

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.



434B53



534844



3F4D4D

Square

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



534844



464C44



404C50



4E4850

Rectangle

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



534844



4D4A42



404C50



474A53

Sweetspot

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



534844



6B6766



53444F



363332



B5B5B5



363636

Same Dimension

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



534844



6B5A54



534F44



292625



691C00



E83E00

Inverse Universe

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



444F53



54656B



444753



252829



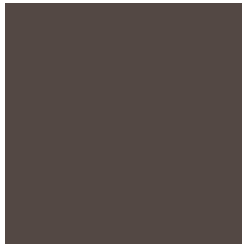
004D69



00AAE8

Previews

White Background



This preview shows how the Hex color 534844 looks on a white background.

Color Contrast Check

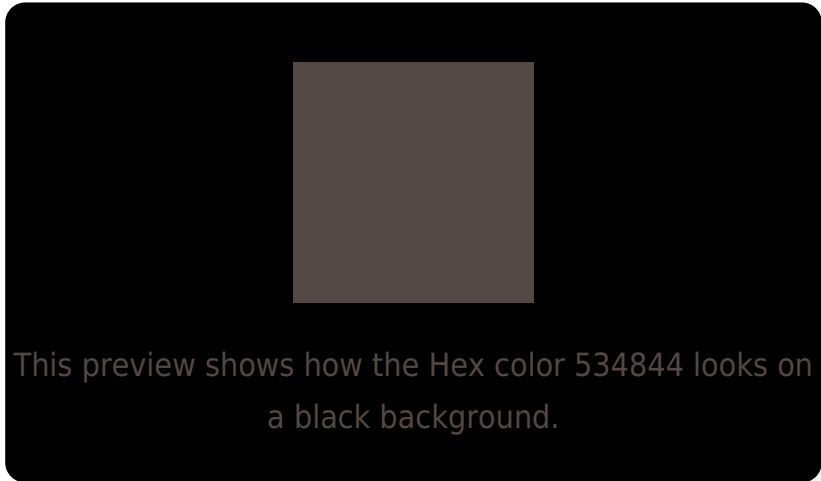
Large Text (above 18pt) WCAG AA ✓ Pass

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

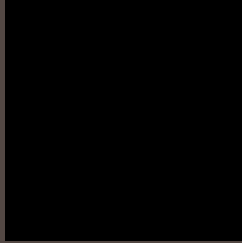
Any Text WCAG AA × Fail

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 534844 Background



This preview shows how black text looks on a background with the Hex color 534844.

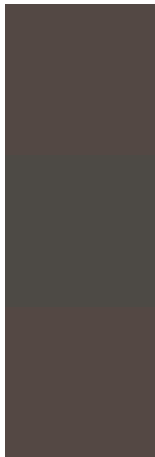


This preview shows how white text looks on a background with the Hex color 534844.

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
534844

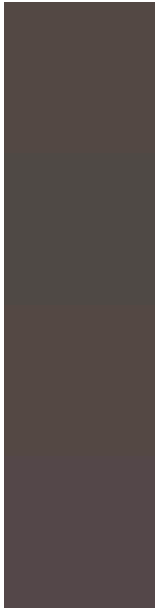
Protanopia
4D4A45

Deuteranopia
544844



Tritanopia
54474C

Trichromacy



Original Color

534844

Protanomaly

4F4945

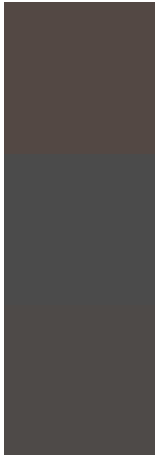
Deuteranomaly

544844

Tritanomaly

544749

Monochromacy



Original Color

534844

Achromatopsia

4B4B4B

Achromatomaly

4E4A48

CSS Examples

Text

The CSS property to change the color of the text to Hex 534844 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 #534844 looks like.

```
.text, #text, p{  
    color:#534844  
}
```

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 #534844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534844  
}
```

Border

The CSS property to change the border of an element to Hex 534844 is called "border". The border property can be set on classes, ids or directly on the HTML element.

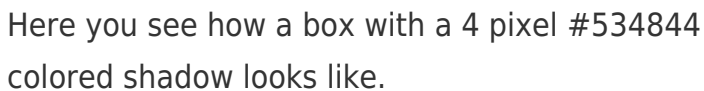
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#534844 }
```

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

```
.border{ border-color:#534844 }
```

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



Here you see how a box with a 4 pixel #534844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534844; -webkit-box-shadow:4px 4px  
4px 4px #534844; box-shadow:4px 4px 4px  
4px #534844 }
```

Background

The CSS property to change the background color of an element to Hex 534844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534844 }
```

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

```
.background{ background-color:#534844 }
```

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