

# Converting Colors

Hex(534B34)

Have a look what the booklet for  
Hex(534B34) contains.

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**Color**

**Hex(534B34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	534B34
RGB	83, 75, 52
RGB Percent	33%, 29%, 20%
CMY	0.6745, 0.7059, 0.7961
CMYK	0.00, 0.10, 0.37, 0.67
HSL	45°, 23%, 26%
HSV	45°, 37%, 33%
XYZ	6.7032, 7.1191, 4.2696
YIQ	74.7700, 12.1510, -5.4570

# Conversions

## Conversions Part 2

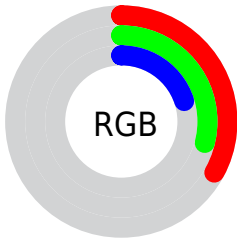
Format	Color
<b>RYB</b>	63, 83, 52
Decimal	5458740
CIELab	32.08, -0.65, 14.94
CIElCh	32, 14.957, 92.483
Yxy	7.1191, 0.3705, 0.3935
Android (android.graphics.Color)	4283648820 (0xFF534B34)
YUV	74.7700, -11.2256, 7.2177
Hunter-Lab	26.6816, -1.8485, 9.1894

# Details

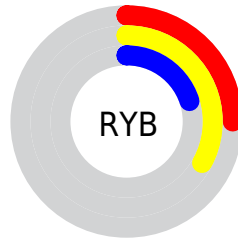
The Hex color **534B34** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **343C53**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **857C63**, and **261F07** is the 20% darker color. If you saturate the color by 10%, you get **53492C**, and if you desaturate by 10%, it is **534D3C**.

# Distribution



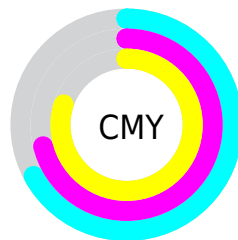
- Red (33%)
- Green (29%)
- Blue (20%)



- Red (25%)
- Yellow (33%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (67%)



- Cyan (67%)
- Magenta (71%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 534B34 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 534B34 by changing the saturation by 10% instead.



■ 534B34

■ 534B34

FFFFFF

■ 3B341F

■ 857C63

■ 261F07

■ 9F957C

■ 0A0800

■ BBB096

■ 000000

■ D6CBB0

■ F3E8CC

■ FFFFE8

■ 534B34

■ 534B34

■ 53492C

■ 534D3C

■ 534723

■ 534F45

■ 53451B

■ 53514D

■ 534213

■ 535455

■ 53400B

■ 53565E

■ 533E02

■ 535866

■ 533E00

■ 535A6E

■ 535C76

■ 535E7F

# Harmonies

## Analogous

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



5D4737



534B34



464F37

# Triad

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



534B34



285258



5B4557

# Complementary

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



534B34



343C53

# 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.



4F485F



534B34



2F5060

# Square

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



534B34



2D524C



3E4C63



62434B

# Rectangle

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



534B34



3D503D



3E4C63



58465A



# Sweetspot

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



534B34



6B685F



53343C



36342F



B5B5B5



363636



# Same Dimension

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



534B34



6B5F3B



4C5334



292825



694E00



E8AC00



# Inverse Universe

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



343C53



3B476B



3B3453



252629



001B69



003CE8



# Previews

## White Background



This preview shows how the Hex color 534B34 looks on a white background.

## Color Contrast Check

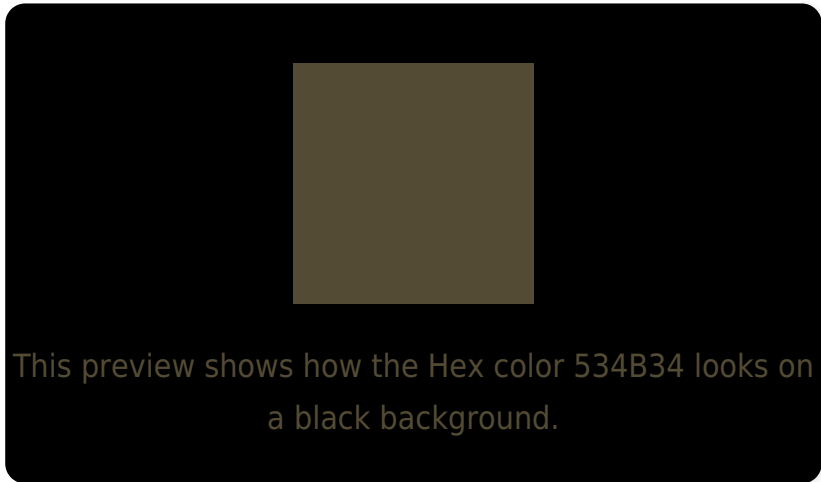
Large Text (above 18pt) WCAG AA ✓ Pass

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

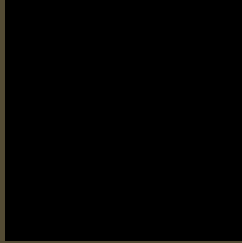
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 534B34 Background



This preview shows how black text looks on a background with the Hex color 534B34.

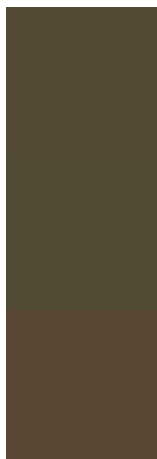


This preview shows how white text looks on a background with the Hex color 534B34.

# 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**


534B34

**Protanopia**

524B34

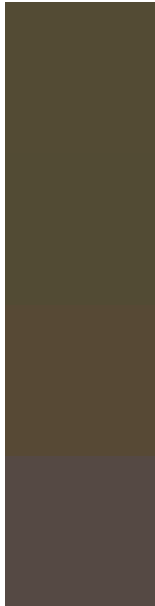
**Deuteranopia**

5A4835



**Tritanopia**  
56484D

# Trichromacy



**Original Color**

534B34

**Protanomaly**

524B34

**Deuteranomaly**

574935

**Tritanomaly**

554944

# Monochromacy



**Original Color**

534B34

**Achromatopsia**

4B4B4B

**Achromatomaly**

4E4B43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 534B34 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 #534B34 looks like.

```
.text, #text, p{  
    color:#534B34  
}
```

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 #534B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534B34
}
```

## Border

The CSS property to change the border of an element to Hex 534B34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

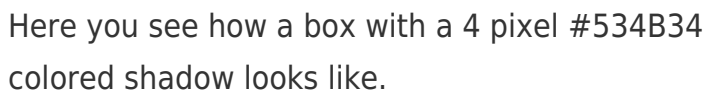
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#534B34 }
```

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

```
.border{ border-color:#534B34 }
```

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



Here you see how a box with a 4 pixel #534B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534B34; -webkit-box-shadow:4px 4px  
4px 4px #534B34; box-shadow:4px 4px 4px  
4px #534B34 }
```

# Background

The CSS property to change the background color of an element to Hex 534B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534B34 }
```

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

```
.background{ background-color:#534B34 }
```

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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