

# Converting Colors

Hex(534940)

Have a look what the booklet for  
Hex(534940) contains.

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# Color

Hex(534940)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	534940
RGB	83, 73, 64
RGB Percent	33%, 29%, 25%
CMY	0.6745, 0.7137, 0.7490
CMYK	0.00, 0.12, 0.23, 0.67
HSL	28°, 13%, 29%
HSV	28°, 23%, 33%
XYZ	6.8752, 6.9743, 5.8343
YIQ	74.9640, 8.8490, -0.6790

# Conversions

## Conversions Part 2

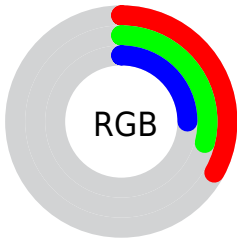
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 81, 64
Decimal	5458240
CIELab	31.75, 2.52, 6.92
CIELCh	32, 7.368, 70.007
Yxy	6.9743, 0.3493, 0.3543
Android (android.graphics.Color)	4283648320 (0xFF534940)
YUV	74.9640, -5.4053, 7.0476
Hunter-Lab	26.4088, 0.2550, 5.3877




# Details

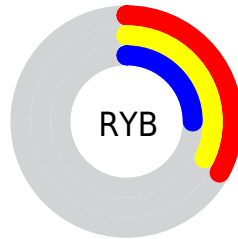
The Hex color **534940** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **404A53**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **857A70**, and **261E16** is the 20% darker color. If you saturate the color by 10%, you get **534538**, and if you desaturate by 10%, it is **534D48**.

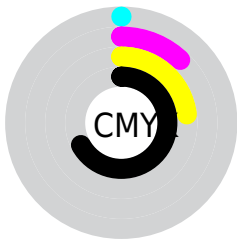
# Distribution







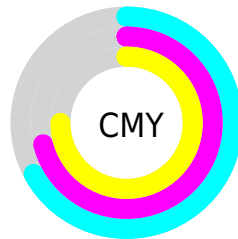
-  Red (33%)
-  Green (29%)
-  Blue (25%)






-  Red (33%)
-  Yellow (32%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (12%)
-  Yellow (23%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (71%)
-  Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 534940 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 534940 by changing the saturation by 10% instead.



■ 534940

■ 534940

FFFFFF

■ 3C332A

■ 857A70

■ 261E16

■ 9F9389

■ 100400

■ BAAEA3

■ 000000

■ D6C9BE

■ F2E5DA

■ FFFFF7

■ 534940

■ 534940

■ 534538

■ 534D48

■ 53402F

■ 535251

■ 533C27

■ 535659

■ 53381F

■ 535A61

■ 533316

■ 535F6A

■ 532F0E

■ 536372

■ 532A06

■ 53687A

■ 532700

■ 536C82

■ 53708B

# Harmonies

## Analogous

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



564744



534940



4D4B3F

# Triad

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



534940



3D4E4C



4E4954

# Complementary

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



534940



404A53

# 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.



474B56



534940



3C4E52

# Square

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



534940



414E47



404C55



54474F

# Rectangle

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



534940



494C41



404C55



4C4955



# Sweetspot

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



534940



6B6764



53404A



363331



B5B5B5



363636



# Same Dimension

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



534940



6B5C4E



535240



292725



693200



E86E00



# Inverse Universe

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



404A53



4E5D6B



404153



252729



003769

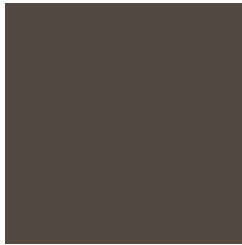


007AE8



# Previews

## White Background



This preview shows how the Hex color 534940 looks on a white background.

## Color Contrast Check

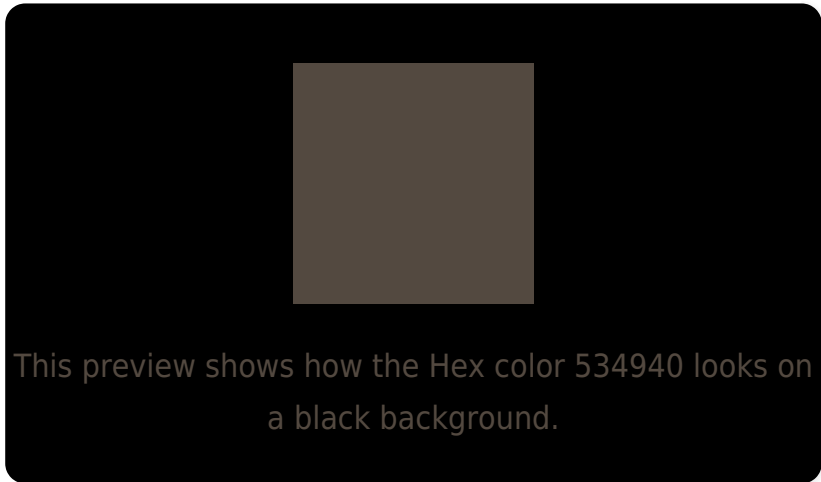
Large Text (above 18pt) WCAG AA ✓ Pass

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

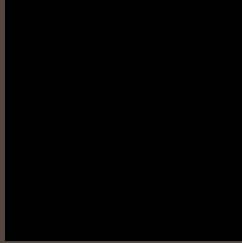
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 534940 Background



This preview shows how black text looks on a background with the Hex color 534940.

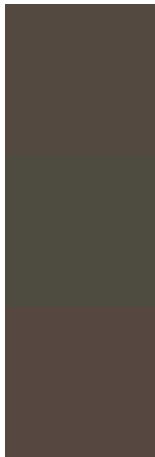


This preview shows how white text looks on a background with the Hex color 534940.

# 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**  
534940

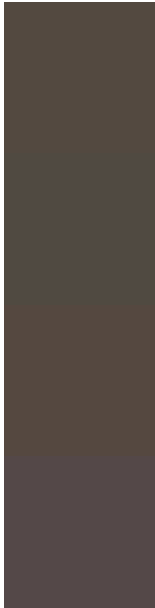
**Protanopia**  
4E4B41

**Deuteranopia**  
564840



**Tritanopia**  
55474D

# Trichromacy



**Original Color**  
534940

**Protanomaly**  
504A41

**Deuteranomaly**  
554840

**Tritanomaly**  
544848

# Monochromacy



**Original Color**  
534940

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
4E4A47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 534940 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 #534940 looks like.

```
.text, #text, p{  
    color:#534940  
}
```

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 #534940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534940
}
```

## Border

The CSS property to change the border of an element to Hex 534940 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
#534940 }
```

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

```
.border{ border-color:#534940 }
```

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

Here you see how a box with a 4 pixel #534940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534940; -webkit-box-shadow:4px 4px  
4px 4px #534940; box-shadow:4px 4px 4px  
4px #534940 }
```

# Background

The CSS property to change the background color of an element to Hex 534940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534940 }
```

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

```
.background{ background-color:#534940 }
```

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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