

Converting Colors

Hex(534340)

Have a look what the booklet for
Hex(534340) contains.

Hex(534340)	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(534340)

Conversions

Conversions Part 1

Format	Color
Hex	534340
RGB	83, 67, 64
RGB Percent	33%, 26%, 25%
CMY	0.6745, 0.7373, 0.7490
CMYK	0.00, 0.19, 0.23, 0.67
HSL	9°, 13%, 29%
HSV	9°, 23%, 33%
XYZ	6.4998, 6.2235, 5.7092
YIQ	71.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

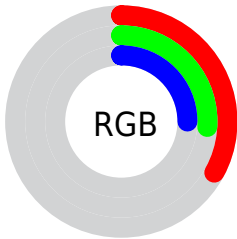
Format	Color
RYB	83, 68, 64
Decimal	5456704
CIELab	29.97, 6.32, 4.40
CIElCh	30, 7.704, 34.832
Yxy	6.2235, 0.3526, 0.3376
Android (android.graphics.Color)	4283646784 (0xFF534340)
YUV	71.4420, -3.6689, 10.1364
Hunter-Lab	24.9469, 2.8506, 3.8942

Details

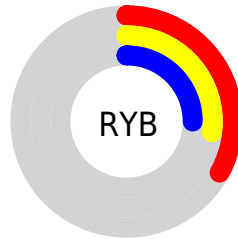
The Hex color **534340** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **405053**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **857370**, and **261816** is the 20% darker color. If you saturate the color by 10%, you get **533C38**, and if you desaturate by 10%, it is **534A48**.

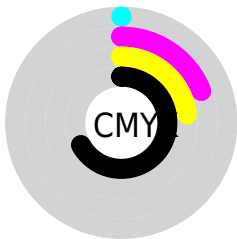
Distribution



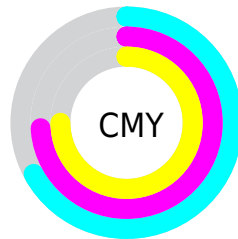
- Red (33%)
- Green (26%)
- Blue (25%)



- Red (33%)
- Yellow (27%)
- Blue (25%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (67%)



- Cyan (67%)
- Magenta (74%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 534340 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 534340 by changing the saturation by 10% instead.

■ 534340

■ 534340

FFFFFF

■ 3C2D2A

■ 857370

■ 261816

■ 9F8D89

■ 0F0000

■ BAA7A3

■ 000000

■ D6C2BE

■ F2DEDA

■ FFFBF7

■ 534340

■ 534340

■ 533C38

■ 534A48

■ 53352F

■ 535151

■ 532E27

■ 535859

■ 53271F

■ 535F61

■ 532016

■ 53666A

■ 53190E

■ 536D72

■ 531206

■ 53747A

■ 530D00

■ 537B82

■ 53828B

Harmonies

Analogous

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



534246



534340



50453C

Triad

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



534340



3D4A41



414752

Complementary

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



534340



405053

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.



3B4951



534340



384A47

Square

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



534340



44483D



374A4D



494550

Rectangle

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



534340



4C463B



374A4D



3F4752

Sweetspot

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



534340



6B6564



534050



363231



B5B5B5



363636

Same Dimension

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



534340



6B534E



534C40



292525



691100



E82500

Inverse Universe

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



405053



4E676B



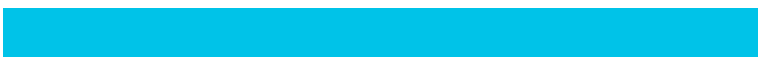
404753



252829



005869



00C3E8

Previews

White Background



This preview shows how the Hex color 534340 looks on a white background.

Color Contrast Check

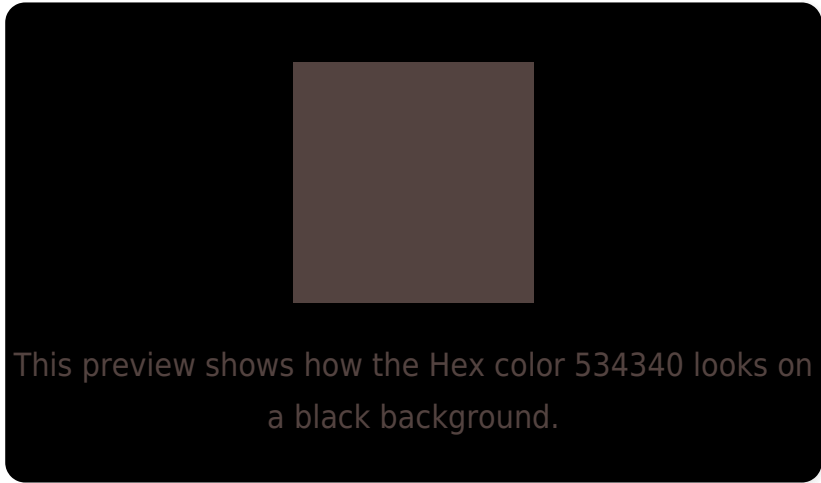
Large Text (above 18pt) WCAG AA ✓ Pass

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

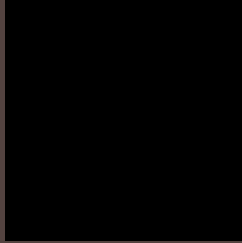
Any Text WCAG AA × Fail

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 534340 Background



This preview shows how black text looks on a background with the Hex color 534340.

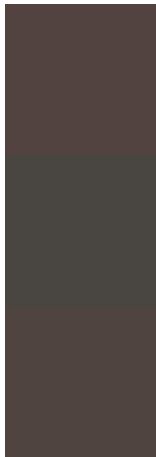


This preview shows how white text looks on a background with the Hex color 534340.

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
534340

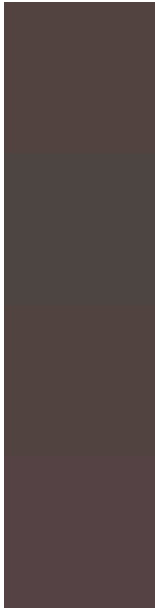
Protanopia
494642

Deuteranopia
504440



Tritanopia
544247

Trichromacy



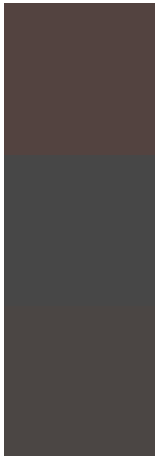
Original Color
534340

Protanomaly
4D4541

Deuteranomaly
514440

Tritanomaly
544244

Monochromacy



Original Color
534340

Achromatopsia
474747

Achromatomaly
4B4644

CSS Examples

Text

The CSS property to change the color of the text to Hex 534340 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 #534340 looks like.

```
.text, #text, p{  
    color:#534340  
}
```

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 #534340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534340
}
```

Border

The CSS property to change the border of an element to Hex 534340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

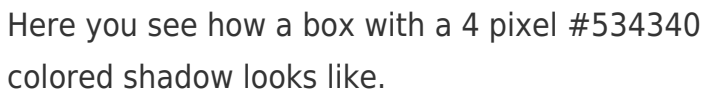
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#534340 }
```

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

```
.border{ border-color:#534340 }
```

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



Here you see how a box with a 4 pixel #534340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534340; -webkit-box-shadow:4px 4px  
4px 4px #534340; box-shadow:4px 4px 4px  
4px #534340 }
```

Background

The CSS property to change the background color of an element to Hex 534340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534340 }
```

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

```
.background{ background-color:#534340 }
```

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