

Converting Colors

Hex(534345)

Have a look what the booklet for
Hex(534345) contains.

Hex(534345)	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(534345)

Conversions

Conversions Part 1

Format	Color
Hex	534345
RGB	83, 67, 69
RGB Percent	33%, 26%, 27%
CMY	0.6745, 0.7373, 0.7294
CMYK	0.00, 0.19, 0.17, 0.67
HSL	352°, 11%, 29%
HSV	352°, 19%, 33%
XYZ	6.6486, 6.2830, 6.4925
YIQ	72.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

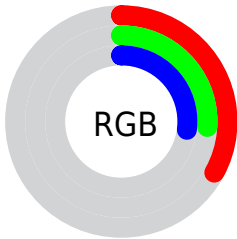
Format	Color
R_YB	83, 67, 69
Decimal	5456709
CIE Lab	30.12, 7.24, 1.37
CIE LCh	30, 7.372, 10.742
Yxy	6.2830, 0.3423, 0.3235
Android (android.graphics.Color)	4283646789 (0xFF534345)
YUV	72.0120, -1.4849, 9.6365
Hunter-Lab	25.0659, 3.4811, 2.1889

Details

The Hex color **534345** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **435351**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **857375**, and **26181A** is the 20% darker color. If you saturate the color by 10%, you get **533B3E**, and if you desaturate by 10%, it is **534B4C**.

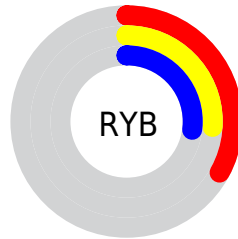
Distribution



 Red (33%)

 Green (26%)

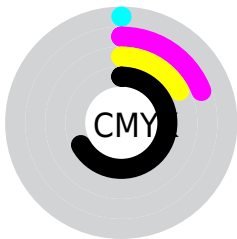
 Blue (27%)



 Red (33%)

 Yellow (26%)

 Blue (27%)

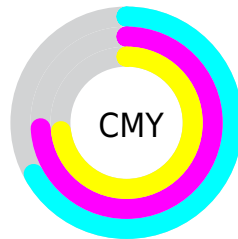


 Cyan (0%)

 Magenta (19%)

 Yellow (17%)

 Black (67%)



 Cyan (67%)

 Magenta (74%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 534345 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 534345 by changing the saturation by 10% instead.

■ 534345

■ 534345

FFFFFF

■ 3C2D2F

■ 857375

■ 26181A

■ 9F8D8F

■ 120000

■ BAA7A9

■ 000000

■ D6C2C4

■ F2DEE0

■ FFFBFD

■ 534345

■ 534345

■ 533B3E

■ 534B4C

■ 533236

■ 535454

■ 532A2F

■ 535C5B

■ 532228

■ 536462

■ 531A21

■ 536C69

■ 531119

■ 537571

■ 530912

■ 537D78

■ 53010B

■ 53857F

■ 53000A

■ 538E86

Harmonies

Analogous

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



50434B



534345



524440

Triad

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



534345



43493E



3D4952

Complementary

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



534345



435351

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.



394A4E



534345



3D4A43

Square

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



534345



49473C



394A49



434752

Rectangle

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



534345



50453D



394A49



3B4951

Sweetspot

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



534345



6B6565



514353



363232



B5B5B5



363636

Same Dimension

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



534345



6B5256



534943



292525



69000D



E8001D

Inverse Universe

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



534345



6B5256



434D53



292525



69000D



E8001D

Previews

White Background



This preview shows how the Hex color 534345 looks on a white background.

Color Contrast Check

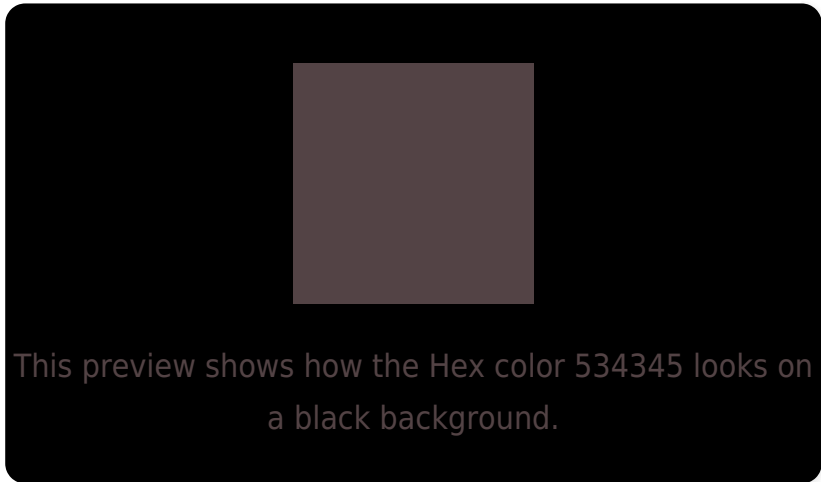
Large Text (above 18pt) WCAG AA ✓ Pass

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

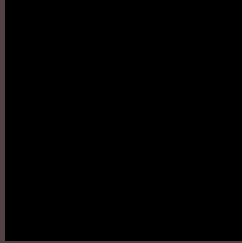
Any Text WCAG AA × Fail

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 534345 Background



This preview shows how black text looks on a background with the Hex color 534345.

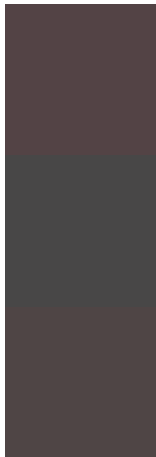


This preview shows how white text looks on a background with the Hex color 534345.

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
534345

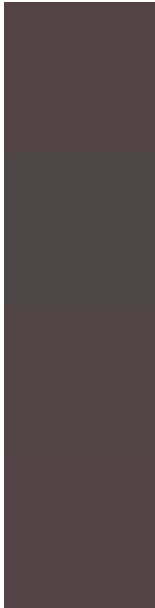
Protanopia
484747

Deuteranopia
4F4545



Tritanopia
534348

Trichromacy



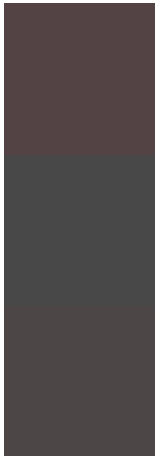
Original Color
534345

Protanomaly
4C4646

Deuteranomaly
504445

Tritanomaly
534347

Monochromacy



Original Color
534345

Achromatopsia
484848

Achromatomaly
4C4647

CSS Examples

Text

The CSS property to change the color of the text to Hex 534345 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 #534345 looks like.

```
.text, #text, p{  
    color:#534345  
}
```

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 #534345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #534345
}
```

Border

The CSS property to change the border of an element to Hex 534345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

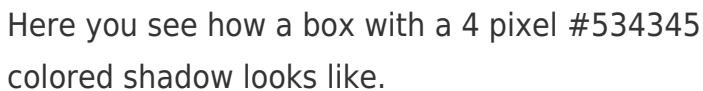
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#534345 }
```

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

```
.border{ border-color:#534345 }
```

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



Here you see how a box with a 4 pixel #534345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #534345; -webkit-box-shadow:4px 4px  
4px 4px #534345; box-shadow:4px 4px 4px  
4px #534345 }
```

Background

The CSS property to change the background color of an element to Hex 534345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#534345 }
```

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

```
.background{ background-color:#534345 }
```

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