

Converting Colors

Hex(545357)

Have a look what the booklet for
Hex(545357) contains.

Hex(545357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

Hex(545357)

Conversions

Conversions Part 1

Format	Color
Hex	545357
RGB	84, 83, 87
RGB Percent	33%, 33%, 34%
CMY	0.6706, 0.6745, 0.6588
CMYK	0.03, 0.05, 0.00, 0.66
HSL	255°, 2%, 33%
HSV	255°, 5%, 34%
XYZ	8.4697, 8.7595, 10.2612
YIQ	83.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

Format	Color
R_{YB}	84, 83, 87
Decimal	5526359
CIE _{Lab}	35.52, 1.27, -2.19
CIE _{LCh}	36, 2.535, 300.167
Yxy	8.7595, 0.3081, 0.3186
Android (android.graphics.Color)	4283716439 (0xFF545357)
YUV	83.7550, 1.5998, 0.2149
Hunter-Lab	29.5964, -0.7116, 0.1614

Details

The Hex color **545357** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **565753**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **858489**, and **27262A** is the 20% darker color. If you saturate the color by 10%, you get **4D4A57**, and if you desaturate by 10%, it is **5B5C57**.

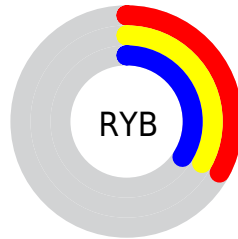
Distribution



Red (33%)

Green (33%)

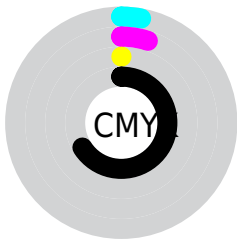
Blue (34%)



Red (33%)

Yellow (33%)

Blue (34%)

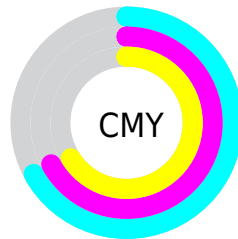


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (66%)



Cyan (67%)

Magenta (67%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 545357 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 545357 by changing the saturation by 10% instead.

■ 545357

■ 545357

FFFFFF

■ 3D3C40

■ 858489

■ 27262A

■ A09FA3

■ 131215

■ BBB9BE

■ 000000

■ D6D5DA

■ F3F1F6

■ 545357

■ 545357

■ 4D4A57

■ 5B5C57

■ 474257

■ 616457

■ 403957

■ 686D57

■ 3A3057

■ 6E7657

■ 332757

■ 757F57

■ 2D1F57

■ 7B8757

■ 261657

■ 829057

■ 200D57

■ 889957

■ 190557

■ 8FA157

Harmonies

Analogous

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



525458



545357



565256

Triad

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



545357



575350



4F5553

Complementary

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



545357



565753

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.



515551



545357



55534F

Square

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



545357



585252



535450



4F5555

Rectangle

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



545357



575254



535450



505553

Sweetspot

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



545357



6F6F70



535657



383838



B8B8B8

Same Dimension

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



545357



6B6970



565357



29282B



1B006B



3B00EB

Inverse Universe

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



575356



70696F



545753



2B282B



6B0050



EB00B0

Previews

White Background



This preview shows how the Hex color 545357 looks on a white background.

Color Contrast Check

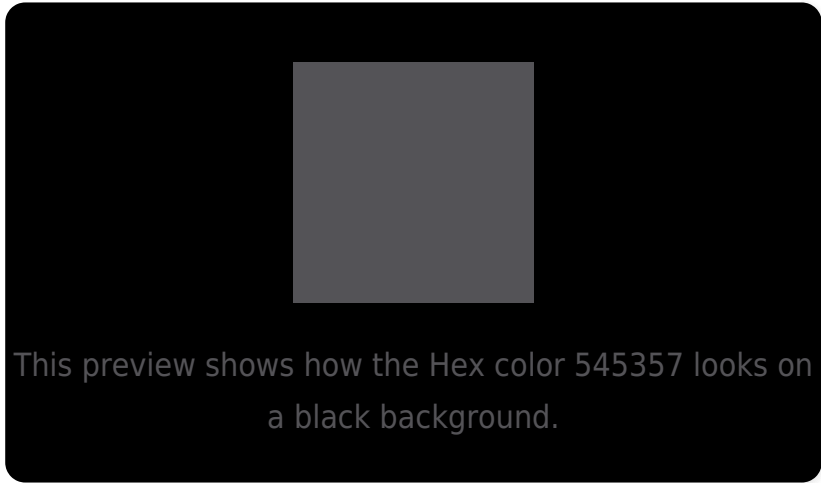
Large Text (above 18pt) WCAG AA ✓ Pass

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

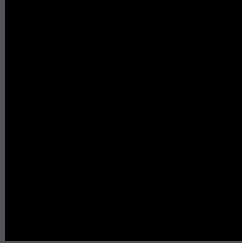
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

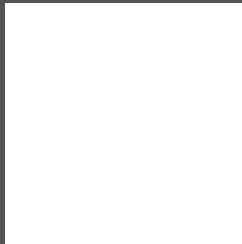
Any Text WCAG AAA × Fail

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

Hex 545357 Background



This preview shows how black text looks on a background with the Hex color 545357.



This preview shows how white text looks on a background with the Hex color 545357.

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
545357

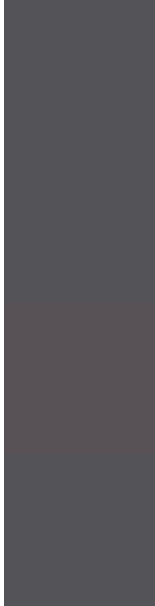
Protanopia
545357

Deuteranopia
5A5157



Tritanopia
545359

Trichromacy



Original Color

545357

Protanomaly

545357

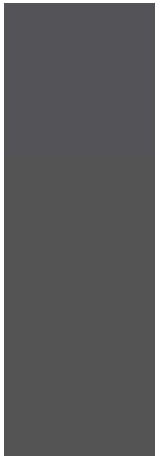
Deuteranomaly

585257

Tritanomaly

545358

Monochromacy



Original Color

545357

Achromatopsia

545454

Achromatomaly

545455

CSS Examples

Text

The CSS property to change the color of the text to Hex 545357 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 #545357 looks like.

```
.text, #text, p{  
    color:#545357  
}
```

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 #545357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #545357
}
```

Border

The CSS property to change the border of an element to Hex 545357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

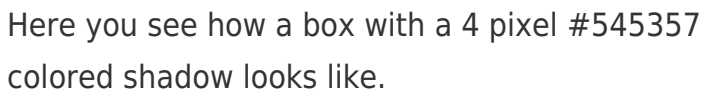
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#545357 }
```

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

```
.border{ border-color:#545357 }
```

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



Here you see how a box with a 4 pixel #545357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #545357; -webkit-box-shadow:4px 4px  
4px 4px #545357; box-shadow:4px 4px 4px  
4px #545357 }
```

Background

The CSS property to change the background color of an element to Hex 545357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#545357 }
```

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

```
.background{ background-color:#545357 }
```

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