

Converting Colors

Hex(537854)

Have a look what the booklet for
Hex(537854) contains.

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Color

Hex(537854)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 537854 |
| RGB | 83, 120, 84 |
| RGB Percent | 33%, 47%, 33% |
| CMY | 0.6745, 0.5294, 0.6706 |
| CMYK | 0.31, 0.00, 0.30, 0.53 |
| HSL | 122°, 18%, 40% |
| HSV | 122°, 31%, 47% |
| XYZ | 11.8840, 15.9120, 10.8325 |
| YIQ | 104.8330, -10.4960, -19.0400 |

Conversions

Conversions Part 2

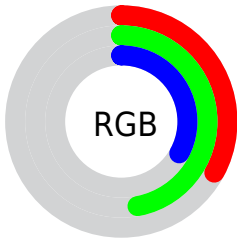
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 83, 119, 120 |
| Decimal | 5470292 |
| CIE _{Lab} | 46.86, -20.92, 15.70 |
| CIE _{LCh} | 47, 26.160, 143.107 |
| Yxy | 15.9120, 0.3076, 0.4119 |
| Android (android.graphics.Color) | 4283660372 (0xFF537854) |
| YUV | 104.8330, -10.2707, -19.1475 |
| Hunter-Lab | 39.8899, -16.6287, 11.8222 |

Details

The Hex color **537854** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **785377**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **86AD86**, and **244727** is the 20% darker color. If you saturate the color by 10%, you get **477848**, and if you desaturate by 10%, it is **5F7860**.

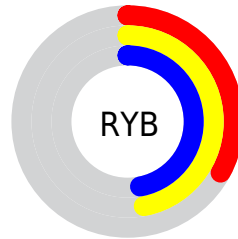
Distribution



Red (33%)

Green (47%)

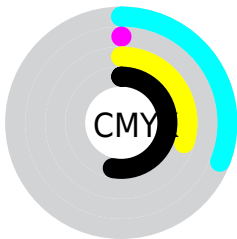
Blue (33%)



Red (33%)

Yellow (47%)

Blue (47%)

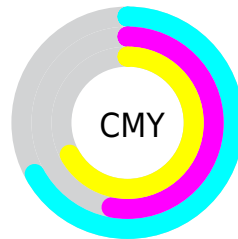


Cyan (31%)

Magenta (0%)

Yellow (30%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537854 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 537854 by changing the saturation by 10% instead.



537854



537854

FFFFFF



3B5F3D



86AD86



244727



A0C8A0



0C3012



BBE4BB



001D00



D7FFD7



000000



F4FFF3



537854



537854



477848



5F7860



3B783D



6B786B

■ 2F7831

■ 777877

■ 237825

■ 837883

■ 17781A

■ 8F788E

■ 0B780E

■ 9B789A

■ 007803

■ A778A6

■ B378B1

■ BF78BD

Harmonies

Analogous

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



6C7346



537854



377B69

Triad

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



537854



48739A



9A5F5F

Complementary

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



537854



785377

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.



965F75



537854



6B6B97

Square

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



537854



257892



86638A



93644D

Rectangle

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



537854



257B78



86638A



9A5E66

Sweetspot

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



537854



8E9C8E



777853



464F47



CFCFCF



4F4F4F

Same Dimension

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



537854



629C64



537866



373D37



007D03



00FC07

Inverse Universe

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



785377



9C629A



785365



3D373D



7D007A



FC00F6

Previews

White Background



This preview shows how the Hex color 537854 looks on a white background.

Color Contrast Check

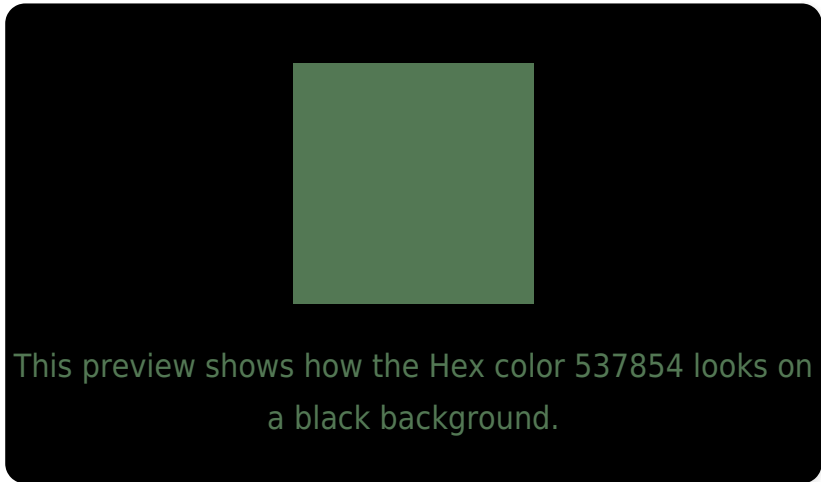
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

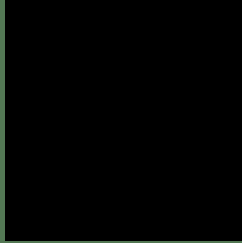
Any Text WCAG AA × Fail

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 537854 Background



This preview shows how black text looks on a background with the Hex color 537854.



This preview shows how white text looks on a background with the Hex color 537854.

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
537854

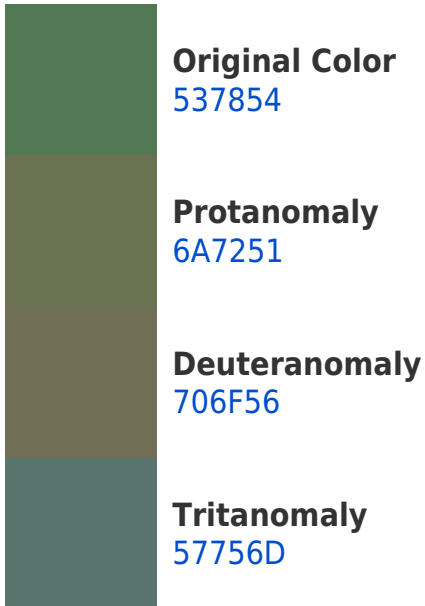
Protanopia
776F50

Deuteranopia
816A57

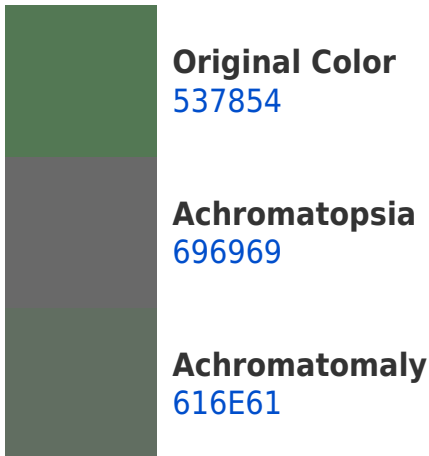


Tritanopia
5A737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 537854 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 #537854 looks like.

```
.text, #text, p{  
    color:#537854  
}
```

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 #537854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537854
}
```

Border

The CSS property to change the border of an element to Hex 537854 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".

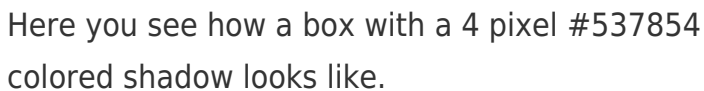
```
.border, #border, table{ border:4px solid
#537854 }
```

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

```
.border{ border-color:#537854 }
```

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

Here you see how a box with a 4 pixel #537854 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537854; -webkit-box-shadow:4px 4px  
4px 4px #537854; box-shadow:4px 4px 4px  
4px #537854 }
```

Background

The CSS property to change the background color of an element to Hex 537854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537854 }
```

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

```
.background{ background-color:#537854 }
```

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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