

Converting Colors

Hex(537946)

Have a look what the booklet for
Hex(537946) contains.

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Color

Hex(537946)

Conversions

Conversions Part 1

Format	Color
Hex	537946
RGB	83, 121, 70
RGB Percent	33%, 47%, 27%
CMY	0.6745, 0.5255, 0.7255
CMYK	0.31, 0.00, 0.42, 0.53
HSL	105°, 27%, 37%
HSV	105°, 42%, 47%
XYZ	11.5101, 15.9559, 8.2675
YIQ	103.8240, -6.2770, -23.9170

Conversions

Conversions Part 2

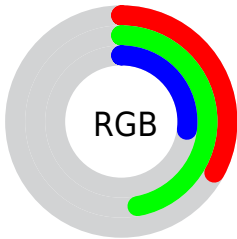
Format	Color
RYB	70, 121, 108
Decimal	5470534
CIELab	46.92, -23.82, 23.79
CIELCh	47, 33.663, 135.041
Yxy	15.9559, 0.3221, 0.4465
Android (android.graphics.Color)	4283660614 (0xFF537946)
YUV	103.8240, -16.6752, -18.2626
Hunter-Lab	39.9449, -18.4687, 15.6900

Details

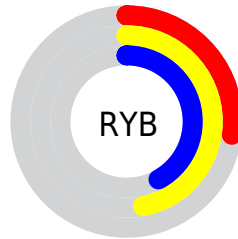
The Hex color **537946** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C4679**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **86AE77**, and **234819** is the 20% darker color. If you saturate the color by 10%, you get **4A793A**, and if you desaturate by 10%, it is **5C7952**.

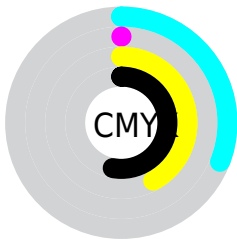
Distribution



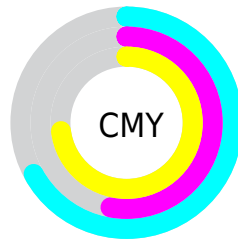
- Red (33%)
- Green (47%)
- Blue (27%)



- Red (27%)
- Yellow (47%)
- Blue (42%)



- Cyan (31%)
- Magenta (0%)
- Yellow (42%)
- Black (53%)



- Cyan (67%)
- Magenta (53%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537946 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 537946 by changing the saturation by 10% instead.



537946



537946

FFFFFF



3B602F



86AE77



234819



A1C991



0C3100



BCE5AC



001E00



D8FFC7



000000



F5FFE3



537946



537946



4A793A



5C7952



41792E



65795E

 387922

 6E796A

 2F7916

 777976

 267909

 807983

 1F7900

 89798F

 92799B

 9B79A7

 A479B3

Harmonies

Analogous

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



737237



537946



297D60

Triad

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



537946



1A76A5



A55862

Complementary

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



537946



6C4679

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.



9D5A7F



537946



5B6DA6

Square

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



537946



007C96



846297



9F5F48

Rectangle

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



537946



007E73



846297



A4586B

Sweetspot

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



537946



8F9E8A



796B46



464F42



CFCFCF



4F4F4F

Same Dimension

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



537946



629E4D



467952



393D37



207D00



40FC00

Inverse Universe

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



6C4679



8A4D9E



79466D



3C373D



5D007D



BC00FC

Previews

White Background



This preview shows how the Hex color 537946 looks on a white background.

Color Contrast Check

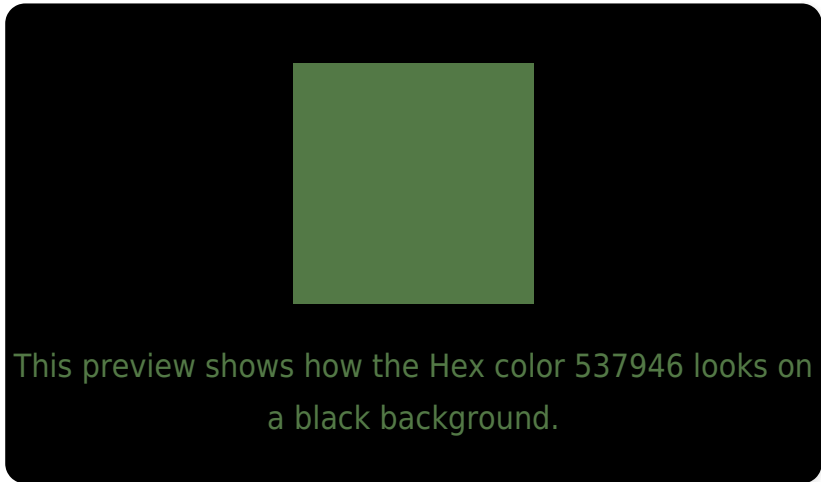
Large Text (above 18pt) WCAG AA ✓ Pass

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

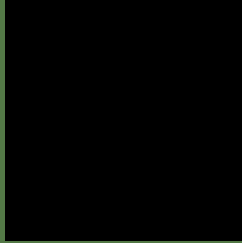
Any Text WCAG AA × Fail

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 537946 Background



This preview shows how black text looks on a background with the Hex color 537946.



This preview shows how white text looks on a background with the Hex color 537946.

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
537946

Protanopia
796F42

Deuteranopia
856A49



Tritanopia
5C737C

Trichromacy



Original Color
537946

Protanomaly
6B7343

Deuteranomaly
736F48

Tritanomaly
597568

Monochromacy



Original Color
537946

Achromatopsia
686868

Achromatomaly
606E5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 537946 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 #537946 looks like.

```
.text, #text, p{  
    color:#537946  
}
```

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 #537946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537946
}
```

Border

The CSS property to change the border of an element to Hex 537946 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".

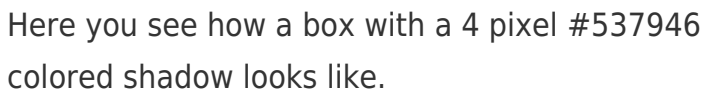
```
.border, #border, table{ border:4px solid
#537946 }
```

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

```
.border{ border-color:#537946 }
```

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

Here you see how a box with a 4 pixel #537946 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537946; -webkit-box-shadow:4px 4px  
4px 4px #537946; box-shadow:4px 4px 4px  
4px #537946 }
```

Background

The CSS property to change the background color of an element to Hex 537946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537946 }
```

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

```
.background{ background-color:#537946 }
```

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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