

Converting Colors

Hex(537649)

Have a look what the booklet for
Hex(537649) contains.

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Color

Hex(537649)

Conversions

Conversions Part 1

Format	Color
Hex	537649
RGB	83, 118, 73
RGB Percent	33%, 46%, 29%
CMY	0.6745, 0.5373, 0.7137
CMYK	0.30, 0.00, 0.38, 0.54
HSL	107°, 24%, 37%
HSV	107°, 38%, 46%
XYZ	11.2483, 15.2769, 8.6592
YIQ	102.4050, -6.4150, -21.4150

Conversions

Conversions Part 2

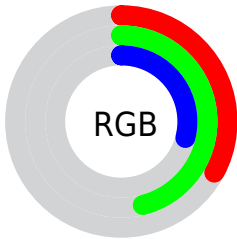
Format	Color
R_YB	73, 118, 108
Decimal	5469769
CIE Lab	46.01, -21.81, 20.91
CIE LCh	46, 30.211, 136.206
Yxy	15.2769, 0.3197, 0.4342
Android (android.graphics.Color)	4283659849 (0xFF537649)
YUV	102.4050, -14.4967, -17.0182
Hunter-Lab	39.0857, -17.0302, 14.2246

Details

The Hex color **537649** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C4976**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **86AA7A**, and **24451C** is the 20% darker color. If you saturate the color by 10%, you get **4A763D**, and if you desaturate by 10%, it is **5C7655**.

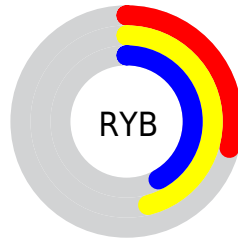
Distribution



Red (33%)

Green (46%)

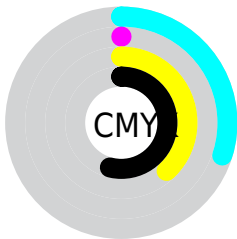
Blue (29%)



Red (29%)

Yellow (46%)

Blue (42%)

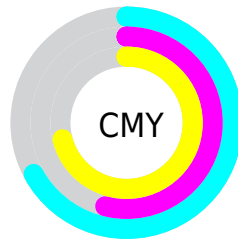


Cyan (30%)

Magenta (0%)

Yellow (38%)

Black (54%)



Cyan (67%)

Magenta (54%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537649 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 537649 by changing the saturation by 10% instead.

 537649

 537649

FFFFFF

 3B5D32

 86AA7A

 24451C

 A0C694

 0D2F04

 BCE2AF

 001C00

 D8FFCA

 000000

 F4FFE6

 537649

 537649

 4A763D

 5C7655

 417631

 657661

■ 377626

■ 6F766C

■ 2E761A

■ 787678

■ 25760E

■ 817684

■ 1C7602

■ 8A7690

■ 1A7600

■ 93769C

■ 9C76A7

■ A676B3

Harmonies

Analogous

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



6F703B



537649



307A60

Triad

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



537649



2E739E



9E5960

Complementary

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



537649



6C4976

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.



975A7A



537649



5E6B9D

Square

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



537649



007891



816190



985F4A

Rectangle

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



537649



0B7A72



816190



9D5969

Sweetspot

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



537649



8C9988



766C49



454D43



CCCCCC



4D4D4D

Same Dimension

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



537649



629953



497655



363B35



1B7A00



38FA00

Inverse Universe

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



6C4976



895399



76496A



39353B



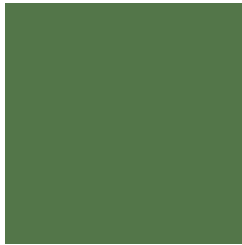
5F007A



C200FA

Previews

White Background



This preview shows how the Hex color 537649 looks on a white background.

Color Contrast Check

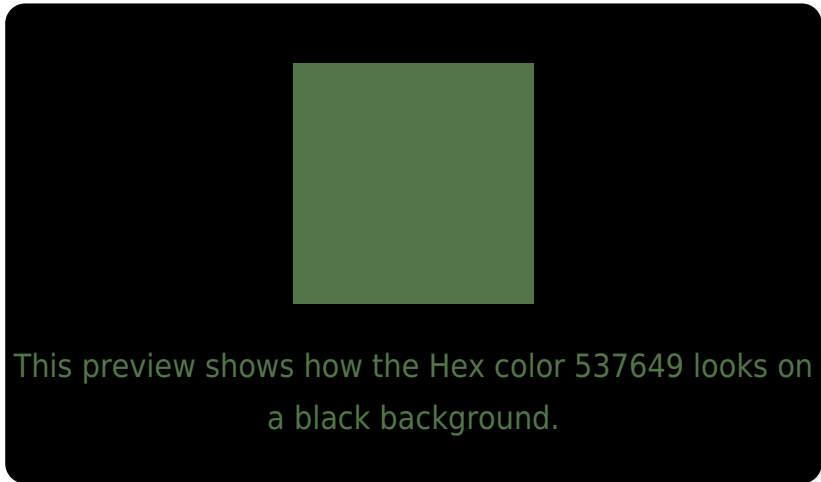
Large Text (above 18pt) WCAG AA ✓ Pass

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

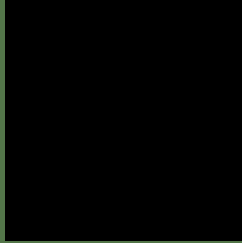
Any Text WCAG AA × Fail

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 537649 Background



This preview shows how black text looks on a background with the Hex color 537649.



This preview shows how white text looks on a background with the Hex color 537649.

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
537649

Protanopia
766D45

Deuteranopia
81684C



Tritanopia
5B7079

Trichromacy



Original Color
537649

Protanomaly
697046

Deuteranomaly
706D4B

Tritanomaly
587268

Monochromacy



Original Color
537649

Achromatopsia
666666

Achromatomaly
5F6C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 537649 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 #537649 looks like.

```
.text, #text, p{  
    color:#537649  
}
```

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 #537649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537649
}
```

Border

The CSS property to change the border of an element to Hex 537649 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".

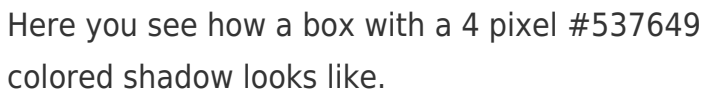
```
.border, #border, table{ border:4px solid
#537649 }
```

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

```
.border{ border-color:#537649 }
```

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

Here you see how a box with a 4 pixel #537649 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537649; -webkit-box-shadow:4px 4px  
4px 4px #537649; box-shadow:4px 4px 4px  
4px #537649 }
```

Background

The CSS property to change the background color of an element to Hex 537649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537649 }
```

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

```
.background{ background-color:#537649 }
```

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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