

# Converting Colors

Hex(537049)

Have a look what the booklet for  
Hex(537049) contains.

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# Color

Hex(537049)

# Conversions

## Conversions Part 1

Format	Color
Hex	537049
RGB	83, 112, 73
RGB Percent	33%, 44%, 29%
CMY	0.6745, 0.5608, 0.7137
CMYK	0.26, 0.00, 0.35, 0.56
HSL	105°, 21%, 36%
HSV	105°, 35%, 44%
XYZ	10.5640, 13.9084, 8.4311
YIQ	98.8830, -4.7650, -18.2770

# Conversions

## Conversions Part 2

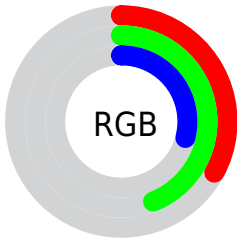
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 112, 102
Decimal	5468233
CIELab	44.10, -18.66, 18.38
CIElCh	44, 26.188, 135.433
Yxy	13.9084, 0.3211, 0.4227
Android (android.graphics.Color)	4283658313 (0xFF537049)
YUV	98.8830, -12.7603, -13.9294
Hunter-Lab	37.2939, -14.7017, 12.7019

# Details

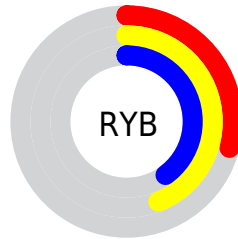
The Hex color **537049** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **664970**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **85A47A**, and **24401C** is the 20% darker color. If you saturate the color by 10%, you get **4B703E**, and if you desaturate by 10%, it is **5B7054**.

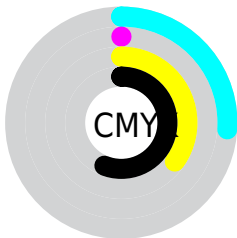
# Distribution



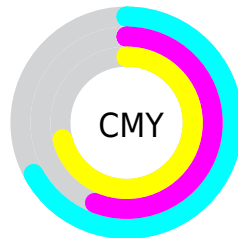
- Red (33%)
- Green (44%)
- Blue (29%)



- Red (29%)
- Yellow (44%)
- Blue (40%)



- Cyan (26%)
- Magenta (0%)
- Yellow (35%)
- Black (56%)



- Cyan (67%)
- Magenta (56%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 537049 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 537049 by changing the saturation by 10% instead.



 537049

 537049

FFFFFF

 3B5732

 85A47A

 24401C

 A0BF94

 0F2A05

 BBDBAF

 001700

 D7F7CA

 000000

 F3FFE6

 537049

 537049

 4B703E

 5B7054

 427033

 64705F

■ 3A7027

■ 6C706B

■ 32701C

■ 747076

■ 297011

■ 7D7081

■ 217006

■ 85708C

■ 1D7000

■ 8D7097

■ 9670A3

■ 9E70AE

# Harmonies

## Analogous

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



6B6B3E



537049



37735D

# Triad

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



537049



366E92



93585E

# Complementary

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



537049



664970

# 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.



8C5974



537049



5B6792

# Square

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



537049



117287



795F87



8E5C4A

# Rectangle

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



537049



23746C



795F87



925765



# Sweetspot

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



537049



879183



706649



434A41



C9C9C9



4A4A4A



# Same Dimension

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



537049



649154



497052



343832



1F7800



3FF700



# Inverse Universe

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



664970



825491



704967



373238



590078

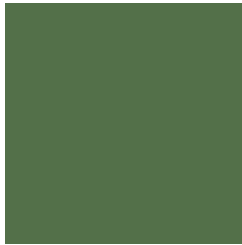


B800F7



# Previews

## White Background



This preview shows how the Hex color 537049 looks on a white background.

## Color Contrast Check

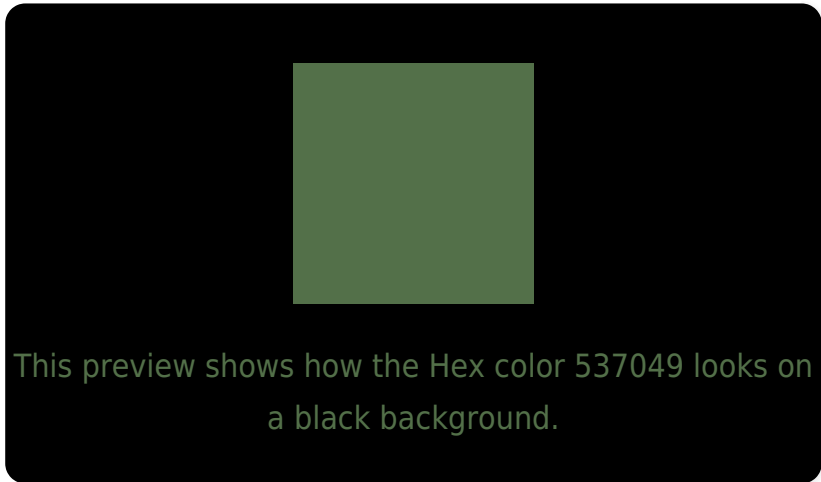
Large Text (above 18pt) WCAG AA ✓ Pass

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

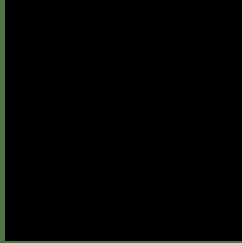
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 537049 Background



This preview shows how black text looks on a background with the Hex color 537049.



This preview shows how white text looks on a background with the Hex color 537049.

# 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](#).

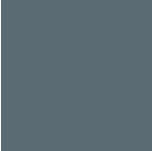
## Dichromacy



**Original Color**  
537049

**Protanopia**  
716846

**Deuteranopia**  
7B644C



**Tritanopia**  
5A6B73

# Trichromacy



**Original Color**  
537049

**Protanomaly**  
666B47

**Deuteranomaly**  
6C684B

**Tritanomaly**  
576D64

# Monochromacy



**Original Color**  
537049

**Achromatopsia**  
636363

**Achromatomaly**  
5D685A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 537049 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 #537049 looks like.

```
.text, #text, p{  
    color:#537049  
}
```

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 #537049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537049
}
```

## Border

The CSS property to change the border of an element to Hex 537049 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".

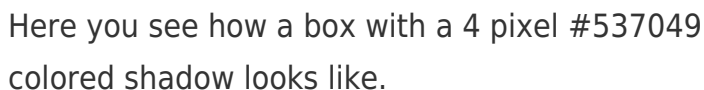
```
.border, #border, table{ border:4px solid
#537049 }
```

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

```
.border{ border-color:#537049 }
```

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

Here you see how a box with a 4 pixel #537049 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537049; -webkit-box-shadow:4px 4px  
4px 4px #537049; box-shadow:4px 4px 4px  
4px #537049 }
```

# Background

The CSS property to change the background color of an element to Hex 537049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537049 }
```

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

```
.background{ background-color:#537049 }
```

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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