

# Converting Colors

Hex(537253)

Have a look what the booklet for  
Hex(537253) contains.

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# Color

Hex(537253)

# Conversions

## Conversions Part 1

Format	Color
Hex	537253
RGB	83, 114, 83
RGB Percent	33%, 45%, 33%
CMY	0.6745, 0.5529, 0.6745
CMYK	0.27, 0.00, 0.27, 0.55
HSL	120°, 16%, 39%
HSV	120°, 27%, 45%
XYZ	11.1459, 14.4982, 10.3946
YIQ	101.1970, -8.5250, -16.2130

# Conversions

## Conversions Part 2

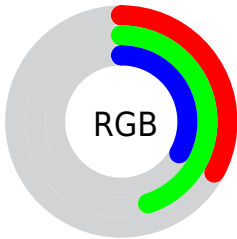
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 114, 114
Decimal	5468755
CIE <sub>Lab</sub>	44.94, -17.93, 13.66
CIE <sub>LCh</sub>	45, 22.544, 142.702
Yxy	14.4982, 0.3093, 0.4023
Android (android.graphics.Color)	4283658835 (0xFF537253)
YUV	101.1970, -8.9711, -15.9588
Hunter-Lab	38.0765, -14.3824, 10.4678

# Details

The Hex color **537253** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **725372**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **85A685**, and **254226** is the 20% darker color. If you saturate the color by 10%, you get **487248**, and if you desaturate by 10%, it is **5E725E**.

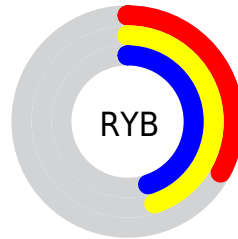
# Distribution



Red (33%)

Green (45%)

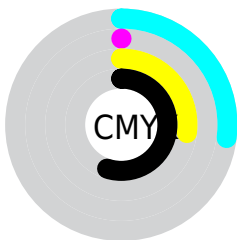
Blue (33%)



Red (33%)

Yellow (45%)

Blue (45%)

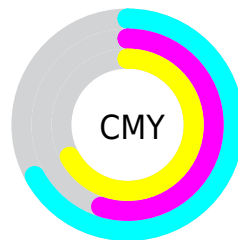


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 537253 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 537253 by changing the saturation by 10% instead.



■ 537253

■ 537253

FFFFFF

■ 3B593C

■ 85A685

■ 254226

■ A0C19F

■ 0E2B11

■ BBDDBA

■ 001900

■ D7FAD6

■ 000000

■ F3FFF2

■ 537253

■ 537253

■ 487248

■ 5E725E

■ 3C723C

■ 6A726A

■ 317231

■ 757275

■ 257225

■ 817281

■ 1A721A

■ 8C728C

■ 0F720F

■ 977297

■ 037203

■ A372A3

■ 007200

■ AE72AE

■ BA72BA

# Harmonies

## Analogous

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



696E47



537253



3D7465

# Triad

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



537253



4A6E8F



905D5D

# Complementary

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



537253



725372

# 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.



8C5D70



537253



66678D

# Square

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



537253



317288



7E6181



8A614D

# Rectangle

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



537253



317572



7E6181



905C63



# Sweetspot

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



537253



889488



727253



434A43



C9C9C9



4A4A4A



# Same Dimension

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



537253



639463



537263



323832



007800



00F700



# Inverse Universe

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



725372



946394



725363



383238



780078

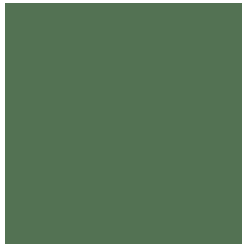


F700F7



# Previews

## White Background



This preview shows how the Hex color 537253 looks on a white background.

## Color Contrast Check

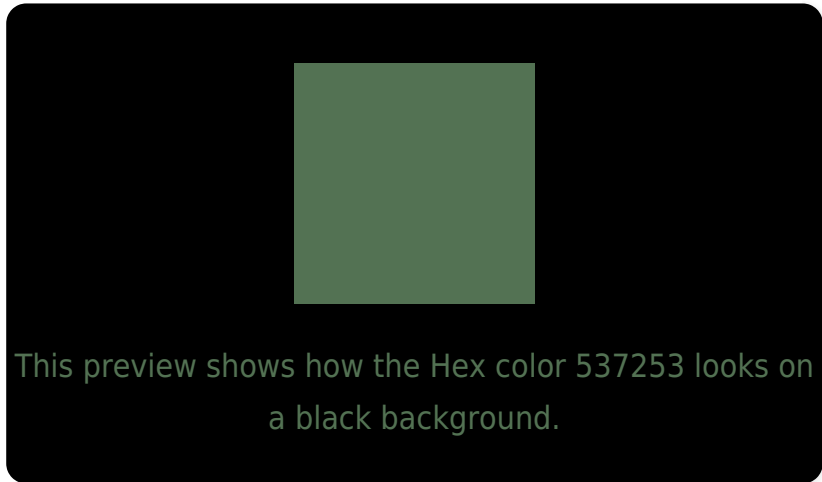
Large Text (above 18pt) WCAG AA ✓ Pass

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

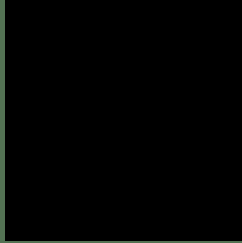
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 537253 Background



This preview shows how black text looks on a background with the Hex color 537253.



This preview shows how white text looks on a background with the Hex color 537253.

# 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](#).

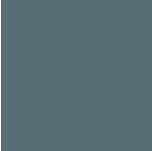
## Dichromacy



**Original Color**  
537253

**Protanopia**  
726A4F

**Deuteranopia**  
7B6656



**Tritanopia**  
596D76

# Trichromacy



**Original Color**  
537253

**Protanomaly**  
676D50

**Deuteranomaly**  
6C6A55

**Tritanomaly**  
576F69

# Monochromacy



**Original Color**  
537253

**Achromatopsia**  
656565

**Achromatomaly**  
5E6A5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 537253 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 #537253 looks like.

```
.text, #text, p{  
    color:#537253  
}
```

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 #537253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537253
}
```

## Border

The CSS property to change the border of an element to Hex 537253 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
#537253 }
```

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

```
.border{ border-color:#537253 }
```

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

Here you see how a box with a 4 pixel #537253 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537253; -webkit-box-shadow:4px 4px  
4px 4px #537253; box-shadow:4px 4px 4px  
4px #537253 }
```

# Background

The CSS property to change the background color of an element to Hex 537253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537253 }
```

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

```
.background{ background-color:#537253 }
```

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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