

Converting Colors

Hex(537C53)

Have a look what the booklet for
Hex(537C53) contains.

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Color

Hex(537C53)

Conversions

Conversions Part 1

Format	Color
Hex	537C53
RGB	83, 124, 83
RGB Percent	33%, 49%, 33%
CMY	0.6745, 0.5137, 0.6745
CMYK	0.33, 0.00, 0.33, 0.51
HSL	120°, 20%, 41%
HSV	120°, 33%, 49%
XYZ	12.3363, 16.8788, 10.7914
YIQ	107.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

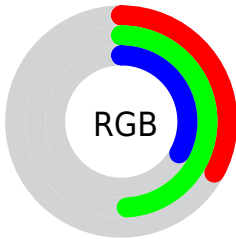
Format	Color
RYB	83, 124, 124
Decimal	5471315
CIELab	48.11, -23.17, 17.97
CIELCh	48, 29.324, 142.197
Yxy	16.8788, 0.3084, 0.4219
Android (android.graphics.Color)	4283661395 (0xFF537C53)
YUV	107.0670, -11.8650, -21.1068
Hunter-Lab	41.0839, -18.2985, 13.1852

Details

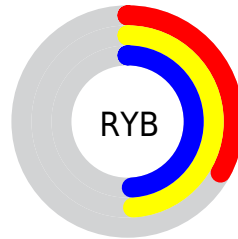
The Hex color **537C53** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C537C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **86B185**, and **234B25** is the 20% darker color. If you saturate the color by 10%, you get **477C47**, and if you desaturate by 10%, it is **5F7C5F**.

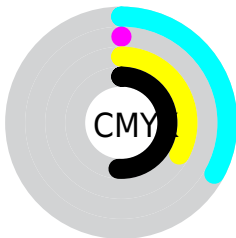
Distribution



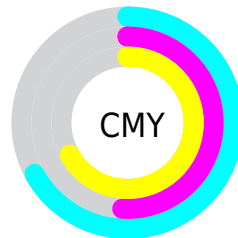
- Red (33%)
- Green (49%)
- Blue (33%)



- Red (33%)
- Yellow (49%)
- Blue (49%)



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537C53 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 537C53 by changing the saturation by 10% instead.

 537C53

 537C53

FFFFFF

 3B633C

 86B185

 234B25

 A1CC9F

 0A3411

 BCE9BA

 001F00

 D8FFD6

 000000

 F5FFF2

 537C53

 537C53

 477C47

 5F7C5F

 3A7C3A

 6C7C6C

 2E7C2E

 787C78

 217C21

 857C85

 157C15

 917C91

 097C09

 9D7C9D

 007C00

 AA7CAA

 B67CB6

 C37CC3

Harmonies

Analogous

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



707643



537C53



317F6B

Triad

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



537C53



4277A3



A26061

Complementary

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



537C53



7C537C

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.



9E5F7A



537C53



6B6EA0

Square

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



537C53



0B7C99



8B6591



9A664C

Rectangle

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



537C53



147F7C



8B6591



A25F69

Sweetspot

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



537C53



91A191



7C7C53



485248



D1D1D1



525252

Same Dimension

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



537C53



60A160



537C68



373D37



007D00



00FC00

Inverse Universe

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



7C537C



A160A1



7C5368



3D373D



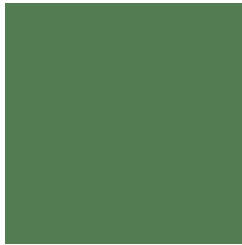
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 537C53 looks on a white background.

Color Contrast Check

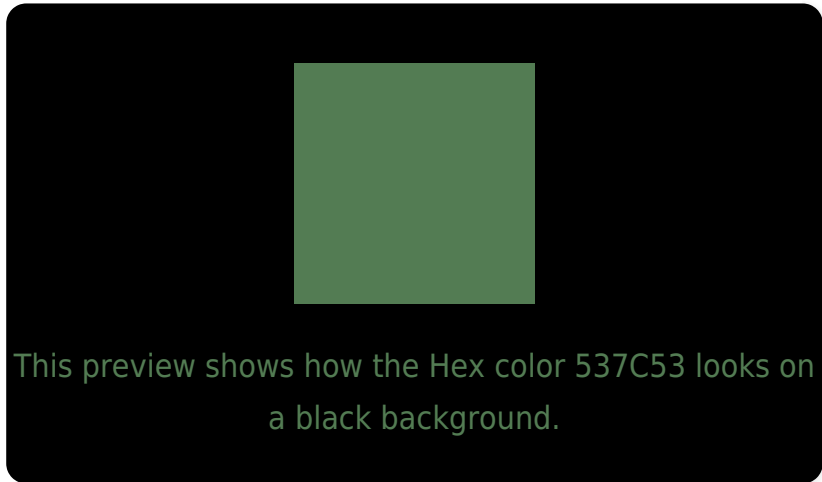
Large Text (above 18pt) WCAG AA ✓ Pass

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

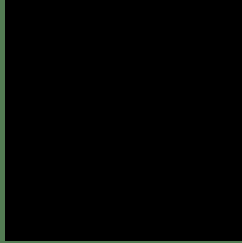
Any Text WCAG AA × Fail

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 537C53 Background



This preview shows how black text looks on a background with the Hex color 537C53.



This preview shows how white text looks on a background with the Hex color 537C53.

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
537C53

Protanopia
7B724F

Deuteranopia
866D56



Tritanopia
5B7680

Trichromacy



Original Color
537C53

Protanomaly
6C7650

Deuteranomaly
737255

Tritanomaly
587870

Monochromacy



Original Color
537C53

Achromatopsia
6B6B6B

Achromatomaly
627162

CSS Examples

Text

The CSS property to change the color of the text to Hex 537C53 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 #537C53 looks like.

```
.text, #text, p{  
    color:#537C53  
}
```

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 #537C53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537C53
}
```

Border

The CSS property to change the border of an element to Hex 537C53 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
#537C53 }
```

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

```
.border{ border-color:#537C53 }
```

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

Here you see how a box with a 4 pixel #537C53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537C53; -webkit-box-shadow:4px 4px  
4px 4px #537C53; box-shadow:4px 4px 4px  
4px #537C53 }
```

Background

The CSS property to change the background color of an element to Hex 537C53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537C53 }
```

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

```
.background{ background-color:#537C53 }
```

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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