

Converting Colors

Hex(537959)

Have a look what the booklet for
Hex(537959) contains.

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Color

Hex(537959)

Conversions

Conversions Part 1

Format	Color
Hex	537959
RGB	83, 121, 89
RGB Percent	33%, 47%, 35%
CMY	0.6745, 0.5255, 0.6510
CMYK	0.31, 0.00, 0.26, 0.53
HSL	129°, 19%, 40%
HSV	129°, 31%, 47%
XYZ	12.2078, 16.2350, 11.9414
YIQ	105.9900, -12.3760, -18.0080

Conversions

Conversions Part 2

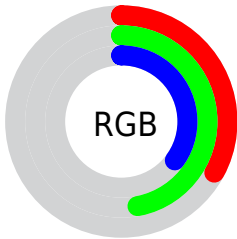
Format	Color
RYB	83, 116, 121
Decimal	5470553
CIELab	47.28, -20.49, 13.37
CIElCh	47, 24.469, 146.872
Yxy	16.2350, 0.3023, 0.4020
Android (android.graphics.Color)	4283660633 (0xFF537959)
YUV	105.9900, -8.3761, -20.1622
Hunter-Lab	40.2927, -16.4305, 10.6333

Details

The Hex color **537959** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **795373**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **86AE8B**, and **24482B** is the 20% darker color. If you saturate the color by 10%, you get **47794F**, and if you desaturate by 10%, it is **5F7963**.

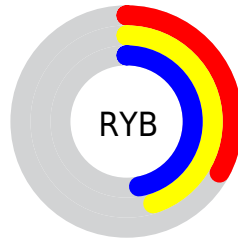
Distribution



Red (33%)

Green (47%)

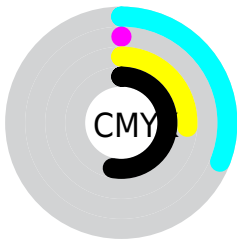
Blue (35%)



Red (33%)

Yellow (45%)

Blue (47%)

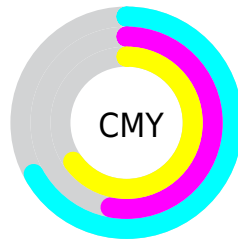


Cyan (31%)

Magenta (0%)

Yellow (26%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537959 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 537959 by changing the saturation by 10% instead.

■ 537959

■ 537959

FFFFFF

■ 3B6042

■ 86AE8B

■ 24482B

■ A0C9A5

■ 0C3116

■ BBE5C1

■ 001D00

■ D7FFDD

■ 000000

■ F4FFF9

■ 537959

■ 537959

■ 47794F

■ 5F7963

■ 3B7945

■ 6B796D

 2F793A

 777978

 237930

 837982

 167926

 90798C

 0A791C

 9C7996

 007913

 A879A0

 B479AB

 C079B5

Harmonies

Analogous

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



6B744B



537959



3A7B6D

Triad

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



537959



517399



99625F

Complementary

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



537959



795373

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.



966173



537959



706C95

Square

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



537959



337892



886587



90674E

Rectangle

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



537959



2D7B7B



886587



996165

Sweetspot

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



537959



909E92



737953



464F48



CFCFCF



4F4F4F

Same Dimension

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



537959



629E6C



53796C



373D38



007D14



00FC28

Inverse Universe

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



795373



9E6295



795360



3D373C



7D0069



FC00D5

Previews

White Background



This preview shows how the Hex color 537959 looks on a white background.

Color Contrast Check

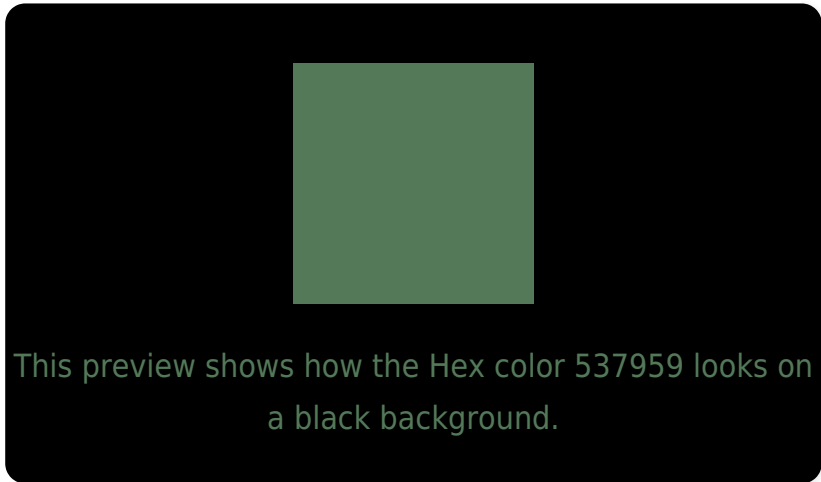
Large Text (above 18pt) WCAG AA ✓ Pass

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

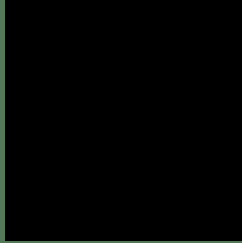
Any Text WCAG AA × Fail

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 537959 Background



This preview shows how black text looks on a background with the Hex color 537959.



This preview shows how white text looks on a background with the Hex color 537959.

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
537959

Protanopia
787055

Deuteranopia
816B5C



Tritanopia
5A747E

Trichromacy



Original Color
537959

Protanomaly
6B7356

Deuteranomaly
70705B

Tritanomaly
577671

Monochromacy



Original Color
537959

Achromatopsia
6A6A6A

Achromatomaly
626F64

CSS Examples

Text

The CSS property to change the color of the text to Hex 537959 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 #537959 looks like.

```
.text, #text, p{  
    color:#537959  
}
```

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 #537959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537959
}
```

Border

The CSS property to change the border of an element to Hex 537959 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
#537959 }
```

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

```
.border{ border-color:#537959 }
```

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

Here you see how a box with a 4 pixel #537959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537959; -webkit-box-shadow:4px 4px  
4px 4px #537959; box-shadow:4px 4px 4px  
4px #537959 }
```

Background

The CSS property to change the background color of an element to Hex 537959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537959 }
```

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

```
.background{ background-color:#537959 }
```

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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