

Converting Colors

Hex(537758)

Have a look what the booklet for
Hex(537758) contains.

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Color

Hex(537758)

Conversions

Conversions Part 1

Format	Color
Hex	537758
RGB	83, 119, 88
RGB Percent	33%, 47%, 35%
CMY	0.6745, 0.5333, 0.6549
CMYK	0.30, 0.00, 0.26, 0.53
HSL	128°, 18%, 40%
HSV	128°, 30%, 47%
XYZ	11.9256, 15.7372, 11.6416
YIQ	104.7020, -11.5050, -17.2730

Conversions

Conversions Part 2

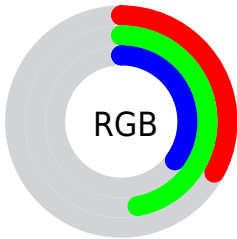
Format	Color
RYB	83, 115, 119
Decimal	5470040
CIELab	46.63, -19.63, 13.05
CIELCh	47, 23.578, 146.382
Yxy	15.7372, 0.3034, 0.4004
Android (android.graphics.Color)	4283660120 (0xFF537758)
YUV	104.7020, -8.2341, -19.0327
Hunter-Lab	39.6702, -15.7626, 10.3700

Details

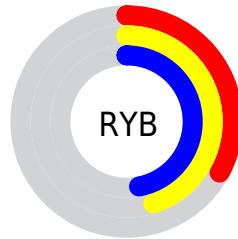
The Hex color **537758** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **775372**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **85AB8A**, and **24462A** is the 20% darker color. If you saturate the color by 10%, you get **47774E**, and if you desaturate by 10%, it is **5F7762**.

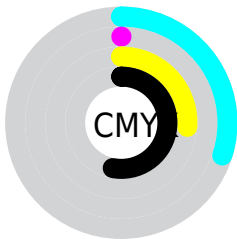
Distribution



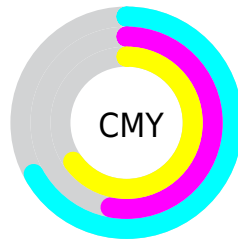
- Red (33%)
- Green (47%)
- Blue (35%)



- Red (33%)
- Yellow (45%)
- Blue (47%)



- Cyan (30%)
- Magenta (0%)
- Yellow (26%)
- Black (53%)



- Cyan (67%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 537758 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 537758 by changing the saturation by 10% instead.



537758



537758

FFFFFF



3B5E41



85AB8A



24462A



A0C7A4



0D3016



BBE3BF



001C00



D7FFDB



000000



F4FFF8



537758



537758



47774E



5F7762



3B7744



6B776C

 2F7739

 777777

 23772F

 837781

 177725

 8E778B

 0C771B

 9A7795

 007711

 A677A0

 B277AA

 BE77B4

Harmonies

Analogous

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



6A734B



537758



3C796B

Triad

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



537758



507196



96615E

Complementary

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



537758



775372

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.



936072



537758



6E6A92

Square

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



537758



34768F



856485



8E664E

Rectangle

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



537758



2F7979



856485



966064

Sweetspot

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



537758



8E9C8F



727753



464F48



CFCFCF



4F4F4F

Same Dimension

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



537758



649C6B



53776A



353B36



007A11



00FA23

Inverse Universe

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



775372



9C6494



775360



3B353A



7A0069



FA00D7

Previews

White Background



This preview shows how the Hex color 537758 looks on a white background.

Color Contrast Check

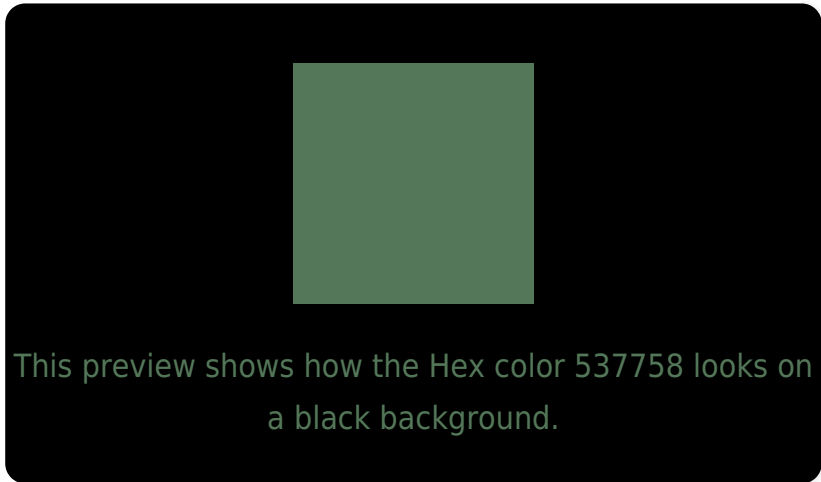
Large Text (above 18pt) WCAG AA ✓ Pass

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

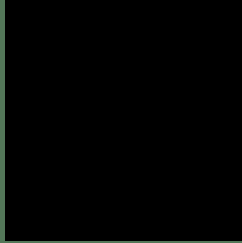
Any Text WCAG AA × Fail

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 537758 Background



This preview shows how black text looks on a background with the Hex color 537758.



This preview shows how white text looks on a background with the Hex color 537758.

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
537758

Protanopia
766E54

Deuteranopia
7F6A5B



Tritanopia
5A727B

Trichromacy



Original Color
537758

Protanomaly
697155

Deuteranomaly
6F6F5A

Tritanomaly
57746E

Monochromacy



Original Color
537758

Achromatopsia
696969

Achromatomaly
616E63

CSS Examples

Text

The CSS property to change the color of the text to Hex 537758 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 #537758 looks like.

```
.text, #text, p{  
    color:#537758  
}
```

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 #537758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #537758
}
```

Border

The CSS property to change the border of an element to Hex 537758 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".

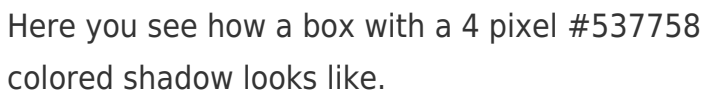
```
.border, #border, table{ border:4px solid
#537758 }
```

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

```
.border{ border-color:#537758 }
```

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

Here you see how a box with a 4 pixel #537758 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #537758; -webkit-box-shadow:4px 4px  
4px 4px #537758; box-shadow:4px 4px 4px  
4px #537758 }
```

Background

The CSS property to change the background color of an element to Hex 537758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#537758 }
```

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

```
.background{ background-color:#537758 }
```

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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