

Converting Colors

Hex(5A7E51)

Have a look what the booklet for
Hex(5A7E51) contains.

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Color

Hex(5A7E51)

Conversions

Conversions Part 1

Format	Color
Hex	5A7E51
RGB	90, 126, 81
RGB Percent	35%, 49%, 32%
CMY	0.6471, 0.5059, 0.6824
CMYK	0.29, 0.00, 0.36, 0.51
HSL	108°, 22%, 41%
HSV	108°, 36%, 49%
XYZ	13.1625, 17.6894, 10.5052
YIQ	110.1060, -7.0110, -21.6270

Conversions

Conversions Part 2

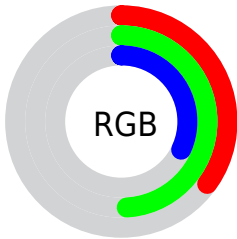
Format	Color
RYB	81, 126, 117
Decimal	5930577
CIELab	49.12, -21.99, 20.54
CIELCh	49, 30.094, 136.956
Yxy	17.6894, 0.3183, 0.4277
Android (android.graphics.Color)	4284120657 (0xFF5A7E51)
YUV	110.1060, -14.3493, -17.6330
Hunter-Lab	42.0588, -17.7405, 14.6320

Details

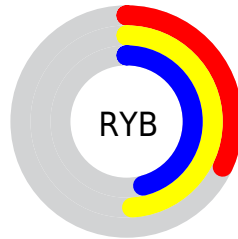
The Hex color **5A7E51** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **75517E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8DB383**, and **2A4D23** is the 20% darker color. If you saturate the color by 10%, you get **507E44**, and if you desaturate by 10%, it is **647E5E**.

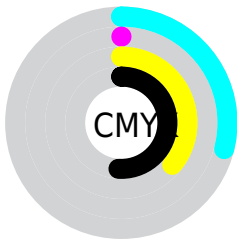
Distribution



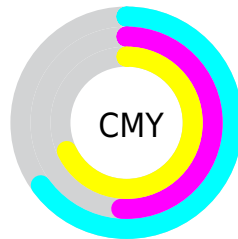
- Red (35%)
- Green (49%)
- Blue (32%)



- Red (32%)
- Yellow (49%)
- Blue (46%)



- Cyan (29%)
- Magenta (0%)
- Yellow (36%)
- Black (51%)



- Cyan (65%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7E51 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 5A7E51 by changing the saturation by 10% instead.

■ 5A7E51

■ 5A7E51

FFFFFF

■ 42653A

■ 8DB383

■ 2A4D23

■ A8CE9D

■ 13360E

■ C3EBB8

■ 002100

■ E0FFD4

■ 000000

■ FCFF0

■ 5A7E51

■ 5A7E51

■ 507E44

■ 647E5E

■ 467E38

■ 6E7E6A

 3C7E2B

 787E77

 327E1F

 827E83

 287E12

 8C7E90

 1E7E05

 967E9D

 197E00

 A17EA9

 AB7EB6

 B57EC2

Harmonies

Analogous

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



777843



5A7E51



388268

Triad

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



5A7E51



3A7BA6



A66167

Complementary

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



5A7E51



75517E

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.



9F6281



5A7E51



6772A5

Square

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



5A7E51



008099



8A6998



A06751

Rectangle

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



5A7E51



1B827A



8A6998



A66170

Sweetspot

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



5A7E51



95A391



7E7551



495247



D1D1D1



525252

Same Dimension

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



5A7E51



6BA35D



517E5F



3B4039



1A8000



000000

Inverse Universe

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



75517E



955DA3



7E5171



3E3940



660080



000000

Previews

White Background



This preview shows how the Hex color 5A7E51 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

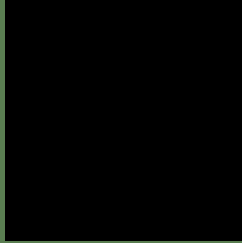
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5A7E51 Background



This preview shows how black text looks on a background with the Hex color 5A7E51.



This preview shows how white text looks on a background with the Hex color 5A7E51.

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
5A7E51

Protanopia
7E744D

Deuteranopia
8A6F54



Tritanopia
627882

Trichromacy



Original Color
5A7E51

Protanomaly
71784E

Deuteranomaly
797453

Tritanomaly
5F7A70

Monochromacy



Original Color
5A7E51

Achromatopsia
6E6E6E

Achromatomaly
677463

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7E51 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 #5A7E51 looks like.

```
.text, #text, p{  
    color:#5A7E51  
}
```

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 #5A7E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7E51  
}
```

Border

The CSS property to change the border of an element to Hex 5A7E51 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".

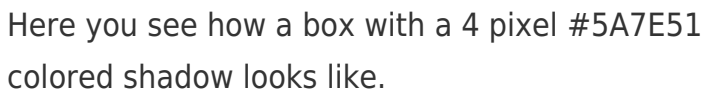
```
.border, #border, table{ border:4px solid  
#5A7E51 }
```

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

```
.border{ border-color:#5A7E51 }
```

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

Here you see how a box with a 4 pixel #5A7E51 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7E51; -webkit-box-shadow:4px 4px  
4px 4px #5A7E51; box-shadow:4px 4px 4px  
4px #5A7E51 }
```

Background

The CSS property to change the background color of an element to Hex 5A7E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7E51 }
```

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

```
.background{ background-color:#5A7E51 }
```

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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