

Converting Colors

Hex(5A7545)

Have a look what the booklet for
Hex(5A7545) contains.

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Color

Hex(5A7545)

Conversions

Conversions Part 1

Format	Color
Hex	5A7545
RGB	90, 117, 69
RGB Percent	35%, 46%, 27%
CMY	0.6471, 0.5412, 0.7294
CMYK	0.23, 0.00, 0.41, 0.54
HSL	94°, 26%, 36%
HSV	94°, 41%, 46%
XYZ	11.6519, 15.3259, 7.9743
YIQ	103.4550, -0.6840, -20.6520

Conversions

Conversions Part 2

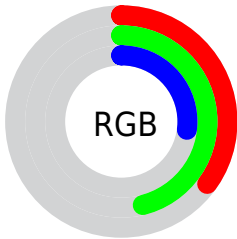
Format	Color
RYB	69, 117, 96
Decimal	5928261
CIELab	46.08, -19.19, 23.35
CIELCh	46, 30.227, 129.413
Yxy	15.3259, 0.3334, 0.4385
Android (android.graphics.Color)	4284118341 (0xFF5A7545)
YUV	103.4550, -16.9863, -11.8000
Hunter-Lab	39.1483, -15.3817, 15.3268

Details

The Hex color **5A7545** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **604575**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8DA976**, and **2B4518** is the 20% darker color. If you saturate the color by 10%, you get **537539**, and if you desaturate by 10%, it is **617551**.

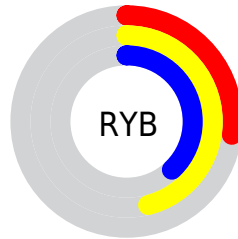
Distribution



Red (35%)

Green (46%)

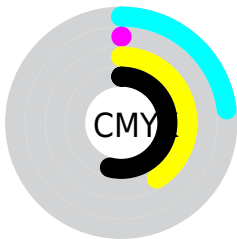
Blue (27%)



Red (27%)

Yellow (46%)

Blue (38%)

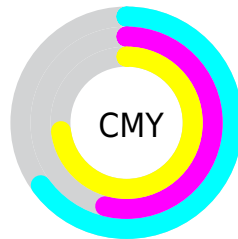


Cyan (23%)

Magenta (0%)

Yellow (41%)

Black (54%)



Cyan (65%)

Magenta (54%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7545 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 5A7545 by changing the saturation by 10% instead.



5A7545



5A7545

FFFFFF



425C2E



8DA976



2B4518



A8C590



152E00



C3E1AA



001B00



DFFDC6



000000



FCFFE2



5A7545



5A7545



537539



617551



4D752E



67755C

■ 467522

■ 6E7568

■ 407516

■ 747574

■ 39750B

■ 7B7580

■ 337500

■ 81758B

■ 887597

■ 8F75A3

■ 9575AE

Harmonies

Analogous

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



766E3A



5A7545



39795A

Triad

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



5A7545



20759C



9E5966

Complementary

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



5A7545



604575

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.



935C7F



5A7545



546D9F

Square

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



5A7545



00798C



7A6494



9A5D4E

Rectangle

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



5A7545



1C7A6C



7A6494



9C596F

Sweetspot

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



5A7545



8F9987



755F45



464D42



CCCCCC



4D4D4D

Same Dimension

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



5A7545



6F994E



457547



373B35



367A00



6DFA00

Inverse Universe

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



604575



784E99



754573



38353B



45007A



8D00FA

Previews

White Background



This preview shows how the Hex color 5A7545 looks on a white background.

Color Contrast Check

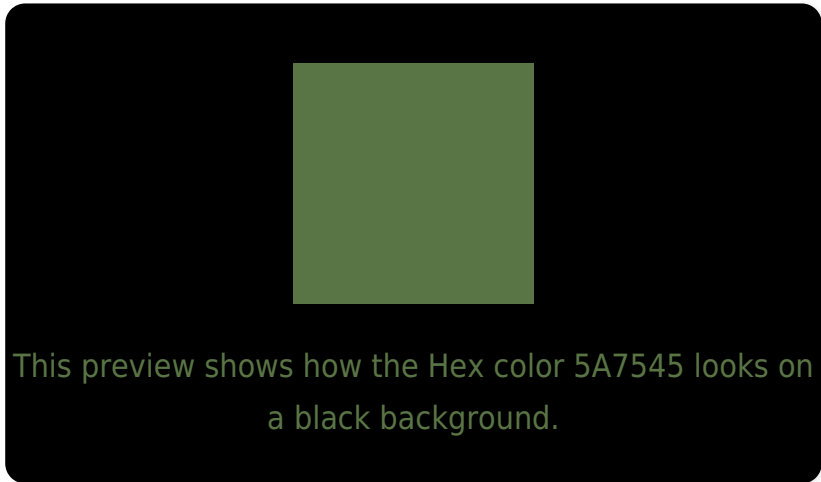
Large Text (above 18pt) WCAG AA ✓ Pass

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

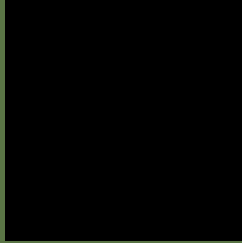
Any Text WCAG AA × Fail

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 5A7545 Background



This preview shows how black text looks on a background with the Hex color 5A7545.



This preview shows how white text looks on a background with the Hex color 5A7545.

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
5A7545

Protanopia
776D42

Deuteranopia
836848



Tritanopia
626F78

Trichromacy



Original Color
5A7545

Protanomaly
6C7043

Deuteranomaly
746D47

Tritanomaly
5F7165

Monochromacy



Original Color
5A7545

Achromatopsia
676767

Achromatomaly
626C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7545 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 #5A7545 looks like.

```
.text, #text, p{  
    color:#5A7545  
}
```

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 #5A7545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7545
}
```

Border

The CSS property to change the border of an element to Hex 5A7545 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".

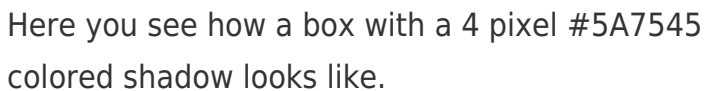
```
.border, #border, table{ border:4px solid
#5A7545 }
```

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

```
.border{ border-color:#5A7545 }
```

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

Here you see how a box with a 4 pixel #5A7545 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7545; -webkit-box-shadow:4px 4px  
4px 4px #5A7545; box-shadow:4px 4px 4px  
4px #5A7545 }
```

Background

The CSS property to change the background color of an element to Hex 5A7545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7545 }
```

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

```
.background{ background-color:#5A7545 }
```

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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