

Converting Colors

Hex(5A7E52)

Have a look what the booklet for
Hex(5A7E52) contains.

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Color

Hex(5A7E52)

Conversions

Conversions Part 1

Format	Color
Hex	5A7E52
RGB	90, 126, 82
RGB Percent	35%, 49%, 32%
CMY	0.6471, 0.5059, 0.6784
CMYK	0.29, 0.00, 0.35, 0.51
HSL	109°, 21%, 41%
HSV	109°, 35%, 49%
XYZ	13.2003, 17.7046, 10.7042
YIQ	110.2200, -7.3320, -21.3160

Conversions

Conversions Part 2

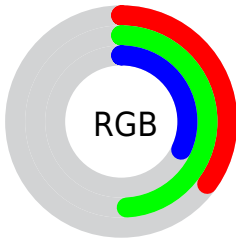
Format	Color
R_{YB}	82, 126, 118
Decimal	5930578
CIE _{Lab}	49.14, -21.83, 20.00
CIE _{LCh}	49, 29.602, 137.504
Yxy	17.7046, 0.3172, 0.4255
Android (android.graphics.Color)	4284120658 (0xFF5A7E52)
YUV	110.2200, -13.9125, -17.7329
Hunter-Lab	42.0768, -17.6355, 14.3705

Details

The Hex color **5A7E52** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **76527E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8DB384**, and **2A4D24** is the 20% darker color. If you saturate the color by 10%, you get **507E45**, and if you desaturate by 10%, it is **647E5F**.

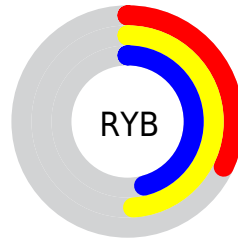
Distribution



Red (35%)

Green (49%)

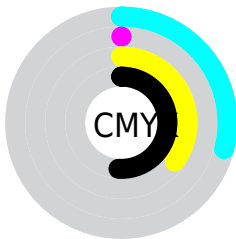
Blue (32%)



Red (32%)

Yellow (49%)

Blue (46%)

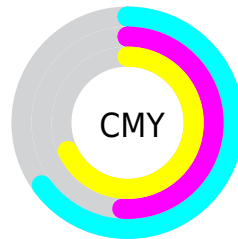


Cyan (29%)

Magenta (0%)

Yellow (35%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7E52 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 5A7E52 by changing the saturation by 10% instead.



5A7E52



5A7E52

FFFFFF



42653B



8DB384



2A4D24



A8CE9E



13360F



C3EBB9



002100



E0FFD5



000000



FCFFF1



5A7E52



5A7E52



507E45



647E5F




457E39



6F7E6B

 3B7E2C

 797E78

 317E20

 837E84

 267E13

 8E7E91

 1C7E06

 987E9E

 177E00

 A27EAA

 AC7EB7

 B77EC3

Harmonies

Analogous

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



767844



5A7E52



398169

Triad

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



5A7E52



3C7AA5



A66267

Complementary

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



5A7E52



76527E

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.



9F6280



5A7E52



6872A4

Square

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



5A7E52



038099



8A6997



9F6751

Rectangle

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



5A7E52



1E827A



8A6997



A5616F

Sweetspot

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



5A7E52



96A393



7E7652



4A5248



D1D1D1



525252

Same Dimension

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



5A7E52



6BA35F



527E60



3B4039



178000



000000

Inverse Universe

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



76527E



975FA3



7E5270



3F3940



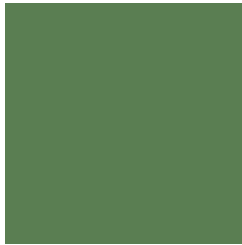
680080



000000

Previews

White Background



This preview shows how the Hex color 5A7E52 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 5A7E52 Background



This preview shows how black text looks on a background with the Hex color 5A7E52.



This preview shows how white text looks on a background with the Hex color 5A7E52.

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
5A7E52

Protanopia
7E744E

Deuteranopia
8A7055

Trichromacy



Original Color
5A7E52

Protanomaly
71784F

Deuteranomaly
797554

Tritanomaly
5F7A71

Monochromacy



Original Color
5A7E52

Achromatopsia
6E6E6E

Achromatomaly
677464

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7E52 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 #5A7E52 looks like.

```
.text, #text, p{  
    color:#5A7E52  
}
```

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 #5A7E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7E52
}
```

Border

The CSS property to change the border of an element to Hex 5A7E52 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".

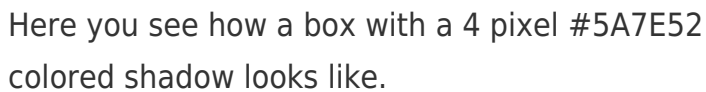
```
.border, #border, table{ border:4px solid
#5A7E52 }
```

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

```
.border{ border-color:#5A7E52 }
```

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

Here you see how a box with a 4 pixel #5A7E52 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7E52; -webkit-box-shadow:4px 4px  
4px 4px #5A7E52; box-shadow:4px 4px 4px  
4px #5A7E52 }
```

Background

The CSS property to change the background color of an element to Hex 5A7E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7E52 }
```

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

```
.background{ background-color:#5A7E52 }
```

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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