

Converting Colors

Hex(5A7D3D)

Have a look what the booklet for
Hex(5A7D3D) contains.

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Color

Hex(5A7D3D)

Conversions

Conversions Part 1

Format	Color
Hex	5A7D3D
RGB	90, 125, 61
RGB Percent	35%, 49%, 24%
CMY	0.6471, 0.5098, 0.7608
CMYK	0.28, 0.00, 0.51, 0.51
HSL	93°, 34%, 36%
HSV	93°, 51%, 49%
XYZ	12.3924, 17.1778, 7.0774
YIQ	107.2390, -0.3160, -27.3240

Conversions

Conversions Part 2

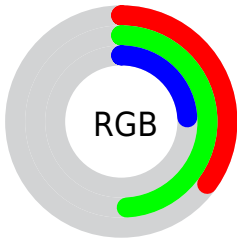
Format	Color
RYB	61, 125, 96
Decimal	5930301
CIELab	48.48, -24.41, 30.76
CIELCh	48, 39.270, 128.429
Yxy	17.1778, 0.3381, 0.4687
Android (android.graphics.Color)	4284120381 (0xFF5A7D3D)
YUV	107.2390, -22.7958, -15.1186
Hunter-Lab	41.4461, -19.1593, 18.8879

Details

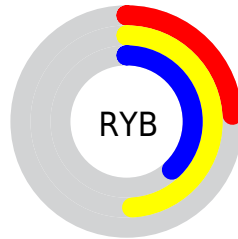
The Hex color **5A7D3D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **603D7D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8EB26E**, and **294C0E** is the 20% darker color. If you saturate the color by 10%, you get **537D31**, and if you desaturate by 10%, it is **617D4A**.

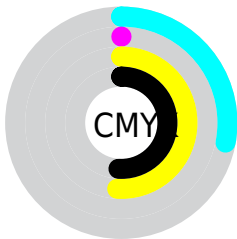
Distribution



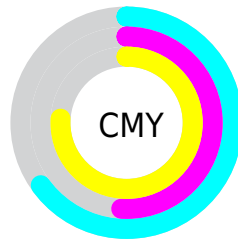
- Red (35%)
- Green (49%)
- Blue (24%)



- Red (24%)
- Yellow (49%)
- Blue (38%)



- Cyan (28%)
- Magenta (0%)
- Yellow (51%)
- Black (51%)



- Cyan (65%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7D3D 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 5A7D3D by changing the saturation by 10% instead.

■ 5A7D3D

■ 5A7D3D

FFFFFF

■ 416426

■ 8EB26E

■ 294C0E

■ A9CD88

■ 133500

■ C4EAA2

■ 002000

■ E1FFBE

■ 000000

■ FEFFDA

■ FFFFF6

■ 5A7D3D

■ 5A7D3D

■ 537D31

■ 617D4A

 4C7D24

 687D56

 457D17

 6F7D63

 3F7D0B

 757D6F

 397D00

 7C7D7C

 837D88

 8A7D94

 917DA1

 987DAD

Harmonies

Analogous

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



7E742F



5A7D3D



28825A

Triad

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



5A7D3D



007DB0



B1576B

Complementary

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



5A7D3D



603D7D

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.



A35B8C



5A7D3D



4B74B5

Square

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



5A7D3D



00829B



8267A7



AD5D4C

Rectangle

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



5A7D3D



008470



8267A7



AF5776

Sweetspot

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



5A7D3D



96A38B



7D5F3D



4A5243



D1D1D1



525252

Same Dimension

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



5A7D3D



6DA340



3D7D3F



3C4039



3A8000



000000

Inverse Universe

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



603D7D



7640A3



7D3D7B



3D3940



460080



000000

Previews

White Background



This preview shows how the Hex color 5A7D3D looks on a white background.

Color Contrast Check

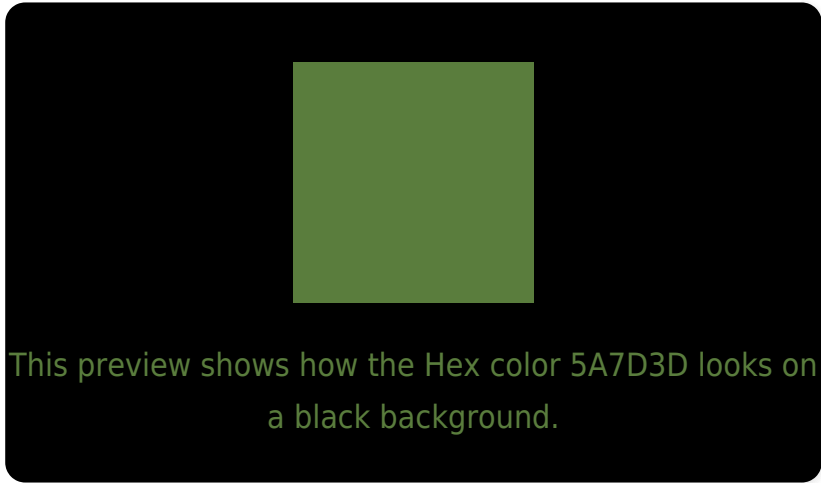
Large Text (above 18pt) WCAG AA ✓ Pass

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

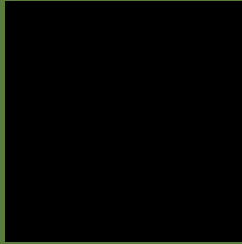
Any Text WCAG AA × Fail

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 5A7D3D Background



This preview shows how black text looks on a background with the Hex color 5A7D3D.



This preview shows how white text looks on a background with the Hex color 5A7D3D.

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](#).

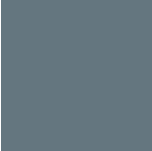
Dichromacy



Original Color
5A7D3D

Protanopia
7F733A

Deuteranopia
8C6D41



Tritanopia
64767F

Trichromacy



Original Color
5A7D3D

Protanomaly
72773B

Deuteranomaly
7A7340

Tritanomaly
607967

Monochromacy



Original Color
5A7D3D

Achromatopsia
6B6B6B

Achromatomaly
65725A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7D3D 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 #5A7D3D looks like.

```
.text, #text, p{  
    color:#5A7D3D  
}
```

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 #5A7D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7D3D
}
```

Border

The CSS property to change the border of an element to Hex 5A7D3D 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".

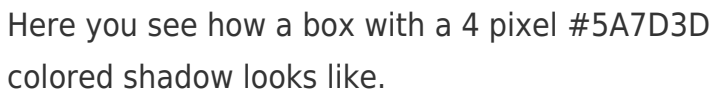
```
.border, #border, table{ border:4px solid
#5A7D3D }
```

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

```
.border{ border-color:#5A7D3D }
```

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

Here you see how a box with a 4 pixel #5A7D3D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7D3D; -webkit-box-shadow:4px 4px  
4px 4px #5A7D3D; box-shadow:4px 4px 4px  
4px #5A7D3D }
```

Background

The CSS property to change the background color of an element to Hex 5A7D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7D3D }
```

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

```
.background{ background-color:#5A7D3D }
```

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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