

Converting Colors

Hex(5A7731)

Have a look what the booklet for
Hex(5A7731) contains.

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Color

Hex(5A7731)

Conversions

Conversions Part 1

Format	Color
Hex	5A7731
RGB	90, 119, 49
RGB Percent	35%, 47%, 19%
CMY	0.6471, 0.5333, 0.8078
CMYK	0.24, 0.00, 0.59, 0.53
HSL	85°, 42%, 33%
HSV	85°, 59%, 47%
XYZ	11.3677, 15.5891, 5.3156
YIQ	102.3490, 5.1860, -27.9180

Conversions

Conversions Part 2

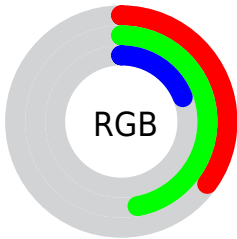
Format	Color
RYB	49, 119, 78
Decimal	5928753
CIELab	46.43, -22.75, 34.54
CIELCh	46, 41.362, 123.370
Yxy	15.5891, 0.3522, 0.4830
Android (android.graphics.Color)	4284118833 (0xFF5A7731)
YUV	102.3490, -26.3011, -10.8301
Hunter-Lab	39.4830, -17.7028, 19.6559

Details

The Hex color **5A7731** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4E3177**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8EAB62**, and **294600** is the 20% darker color. If you saturate the color by 10%, you get **557725**, and if you desaturate by 10%, it is **5F773D**.

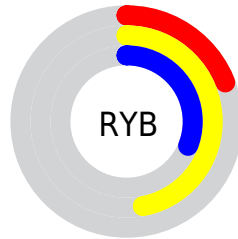
Distribution



Red (35%)

Green (47%)

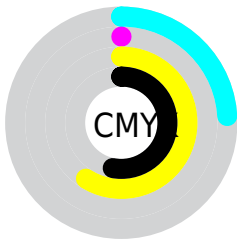
Blue (19%)



Red (19%)

Yellow (47%)

Blue (31%)

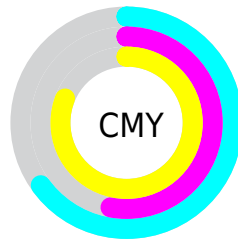


Cyan (24%)

Magenta (0%)

Yellow (59%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7731 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 5A7731 by changing the saturation by 10% instead.



5A7731



5A7731

FFFFFF



415E19



8EAB62



294600



A9C77B



123000



C5E396



001D00



E1FFB1



000000



FEFFCC



FFF9E9



5A7731



5A7731



557725



5F773D

■ 507719

■ 647749

■ 4B770D

■ 697755

■ 467701

■ 6E7761

■ 467700

■ 73776C

■ 787778

■ 7D7784

■ 817790

■ 86779C

Harmonies

Analogous

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



7E6D25



5A7731



277D4E

Triad

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



5A7731



007AAC



AD4F6B

Complementary

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



5A7731



4E3177

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.



9C568E



5A7731



3071B3

Square

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



5A7731



007E93



7563A8



AB544A

Rectangle

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



5A7731



007F65



7563A8



A95077

Sweetspot

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



5A7731



909C80



774D31



484F3E



CFCFCF



4F4F4F

Same Dimension

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



5A7731



6E9C2D



387731



383B35



487A00



92FA00

Inverse Universe

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



4E3177



5B2D9C



703177



37353B



33007A



6800FA

Previews

White Background



This preview shows how the Hex color 5A7731 looks on a white background.

Color Contrast Check

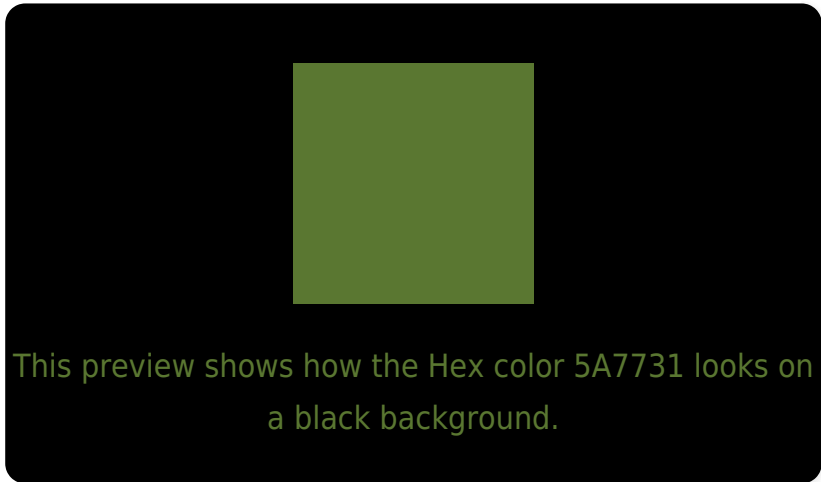
Large Text (above 18pt) WCAG AA ✓ Pass

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

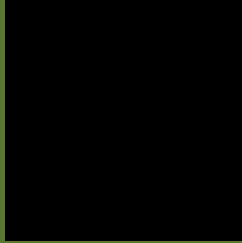
Any Text WCAG AA × Fail

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 5A7731 Background



This preview shows how black text looks on a background with the Hex color 5A7731.



This preview shows how white text looks on a background with the Hex color 5A7731.

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
5A7731

Protanopia
7A6E2E

Deuteranopia
876835



Tritanopia
637079

Trichromacy



Original Color
5A7731

Protanomaly
6E712F

Deuteranomaly
776D34

Tritanomaly
60735F

Monochromacy



Original Color
5A7731

Achromatopsia
666666

Achromatomaly
626C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7731 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 #5A7731 looks like.

```
.text, #text, p{  
    color:#5A7731  
}
```

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 #5A7731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7731
}
```

Border

The CSS property to change the border of an element to Hex 5A7731 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
#5A7731 }
```

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

```
.border{ border-color:#5A7731 }
```

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

Here you see how a box with a 4 pixel #5A7731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7731; -webkit-box-shadow:4px 4px  
4px 4px #5A7731; box-shadow:4px 4px 4px  
4px #5A7731 }
```

Background

The CSS property to change the background color of an element to Hex 5A7731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7731 }
```

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

```
.background{ background-color:#5A7731 }
```

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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