

Converting Colors

Hex(5A7A2C)

Have a look what the booklet for
Hex(5A7A2C) contains.

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Color

Hex(5A7A2C)

Conversions

Conversions Part 1

Format	Color
Hex	5A7A2C
RGB	90, 122, 44
RGB Percent	35%, 48%, 17%
CMY	0.6471, 0.5216, 0.8275
CMYK	0.26, 0.00, 0.64, 0.52
HSL	85°, 47%, 33%
HSV	85°, 64%, 48%
XYZ	11.6306, 16.2746, 4.9112
YIQ	103.5400, 5.9660, -31.0420

Conversions

Conversions Part 2

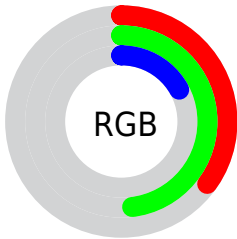
Format	Color
R_{YB}	44, 122, 76
Decimal	5929516
CIE _{Lab}	47.33, -24.75, 38.00
CIE _{LCh}	47, 45.352, 123.080
Yxy	16.2746, 0.3544, 0.4959
Android (android.graphics.Color)	4284119596 (0xFF5A7A2C)
YUV	103.5400, -29.3532, -11.8746
Hunter-Lab	40.3418, -19.1362, 21.0213

Details

The Hex color **5A7A2C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4C2C7A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8EAF5D**, and **284900** is the 20% darker color. If you saturate the color by 10%, you get **557A20**, and if you desaturate by 10%, it is **5F7A38**.

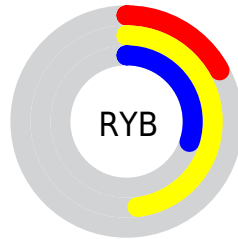
Distribution



Red (35%)

Green (48%)

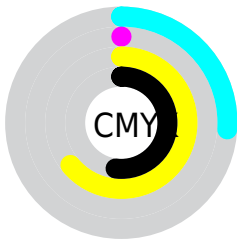
Blue (17%)



Red (17%)

Yellow (48%)

Blue (30%)

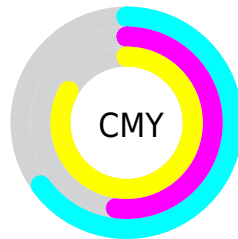


Cyan (26%)

Magenta (0%)

Yellow (64%)

Black (52%)



Cyan (65%)

Magenta (52%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A7A2C 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 5A7A2C by changing the saturation by 10% instead.

 5A7A2C

 5A7A2C

FFFFFF

 416113

 8EAF5D

 284900

 A9CA77

 0F3200

 C5E691

 001F00

 E2FFAC

 000000

 FFFFC8

 FFFFE4

 5A7A2C

 5A7A2C

 557A20

 5F7A38

■ 507A14

■ 647A44

■ 4B7A07

■ 697A51

■ 487A00

■ 6E7A5D

■ 737A69

■ 787A75

■ 7D7A81

■ 827A8E

■ 877A9A

Harmonies

Analogous

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



81701E



5A7A2C



1D804C

Triad

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



5A7A2C



007DB4



B54D6E

Complementary

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



5A7A2C



4C2C7A

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.



A25593



5A7A2C



2073BD

Square

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



5A7A2C



008299



7765B0



B35349

Rectangle

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



5A7A2C



008266



7765B0



B14E7B

Sweetspot

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



5A7A2C



929E80



7A4B2C



484F3D



CFCFCF



4F4F4F

Same Dimension

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



5A7A2C



6C9E24



347A2C



3B3D37



4A7D00



95FC00

Inverse Universe

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



4C2C7A



56249E



722C7A



3A373D



33007D



6800FC

Previews

White Background



This preview shows how the Hex color 5A7A2C looks on a white background.

Color Contrast Check

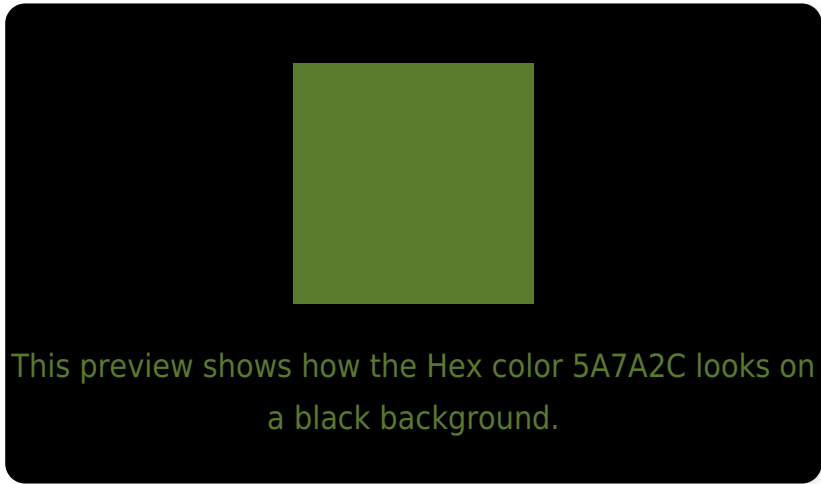
Large Text (above 18pt) WCAG AA ✓ Pass

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

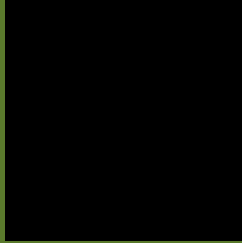
Any Text WCAG AA × Fail

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 5A7A2C Background



This preview shows how black text looks on a background with the Hex color 5A7A2C.



This preview shows how white text looks on a background with the Hex color 5A7A2C.

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
5A7A2C

Protanopia
7D7029

Deuteranopia
8B6A31



Tritanopia
64727B

Trichromacy



Original Color
5A7A2C

Protanomaly
70742A

Deuteranomaly
79702F

Tritanomaly
60755E

Monochromacy



Original Color
5A7A2C

Achromatopsia
686868

Achromatomaly
636F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A7A2C 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 #5A7A2C looks like.

```
.text, #text, p{  
    color:#5A7A2C  
}
```

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 #5A7A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7A2C
}
```

Border

The CSS property to change the border of an element to Hex 5A7A2C 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
#5A7A2C }
```

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

```
.border{ border-color:#5A7A2C }
```

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

Here you see how a box with a 4 pixel #5A7A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7A2C; -webkit-box-shadow:4px 4px  
4px 4px #5A7A2C; box-shadow:4px 4px 4px  
4px #5A7A2C }
```

Background

The CSS property to change the background color of an element to Hex 5A7A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7A2C }
```

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

```
.background{ background-color:#5A7A2C }
```

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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