

Converting Colors

Hex(5A9C2C)

Have a look what the booklet for
Hex(5A9C2C) contains.

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Color

Hex(5A9C2C)

Conversions

Conversions Part 1

Format	Color
Hex	5A9C2C
RGB	90, 156, 44
RGB Percent	35%, 61%, 17%
CMY	0.6471, 0.3882, 0.8275
CMYK	0.42, 0.00, 0.72, 0.39
HSL	95°, 56%, 39%
HSV	95°, 72%, 61%
XYZ	16.5595, 26.1324, 6.5542
YIQ	123.4980, -3.3840, -48.8240

Conversions

Conversions Part 2

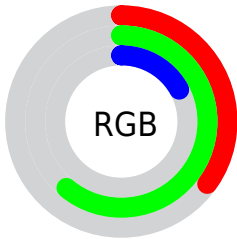
Format	Color
RYB	44, 156, 110
Decimal	5938220
CIELab	58.16, -40.41, 49.48
CIELCh	58, 63.887, 129.234
Yxy	26.1324, 0.3363, 0.5306
Android (android.graphics.Color)	4284128300 (0xFF5A9C2C)
YUV	123.4980, -39.1925, -29.3777
Hunter-Lab	51.1199, -31.6374, 28.1823

Details

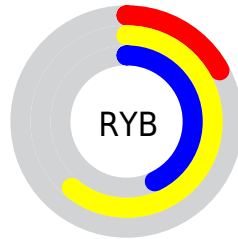
The Hex color **5A9C2C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6E2C9C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **91D361**, and **216800** is the 20% darker color. If you saturate the color by 10%, you get **519C1C**, and if you desaturate by 10%, it is **639C3C**.

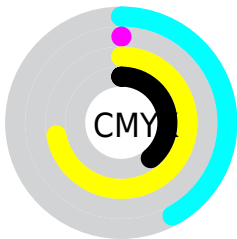
Distribution



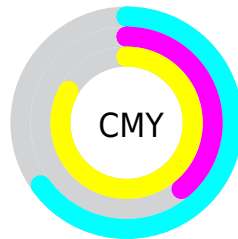
- Red (35%)
- Green (61%)
- Blue (17%)



- Red (17%)
- Yellow (61%)
- Blue (43%)



- Cyan (42%)
- Magenta (0%)
- Yellow (72%)
- Black (39%)



- Cyan (65%)
- Magenta (39%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9C2C 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 5A9C2C by changing the saturation by 10% instead.



5A9C2C



5A9C2C

FFFFFF



3E820D



91D361



216800



ADF07B



004F00



CAFF96



003800



E7FFB2



002300



FFFFCE



000000



FFFEEA



5A9C2C



5A9C2C



519C1C



639C3C

■ 489C0D

■ 6C9C4B

■ 409C00

■ 769C5B

■ 7F9C6A

■ 889C7A

■ 919C8A

■ 9A9C99

■ A49CA9

■ AD9CB8

Harmonies

Analogous

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



978F00



5A9C2C



00A362

Triad

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



5A9C2C



009CF4



F0537D

Complementary

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



5A9C2C



6E2C9C

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.



DC5CB5



5A9C2C



1B8DFB

Square

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



5A9C2C



00A4D1



A475E3



E66248

Rectangle

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



5A9C2C



00A589



A475E3



ED5390

Sweetspot

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



5A9C2C



B2CC9F



9C6D2C



56664B



E6E6E6



666666

Same Dimension

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



5A9C2C



65CC1D



2C9C35



4A4F47



3B8F00



060F00

Inverse Universe

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



6E2C9C



841DCC



9C2C93



4C474F



54008F



09000F

Previews

White Background



This preview shows how the Hex color 5A9C2C looks on a white background.

Color Contrast Check

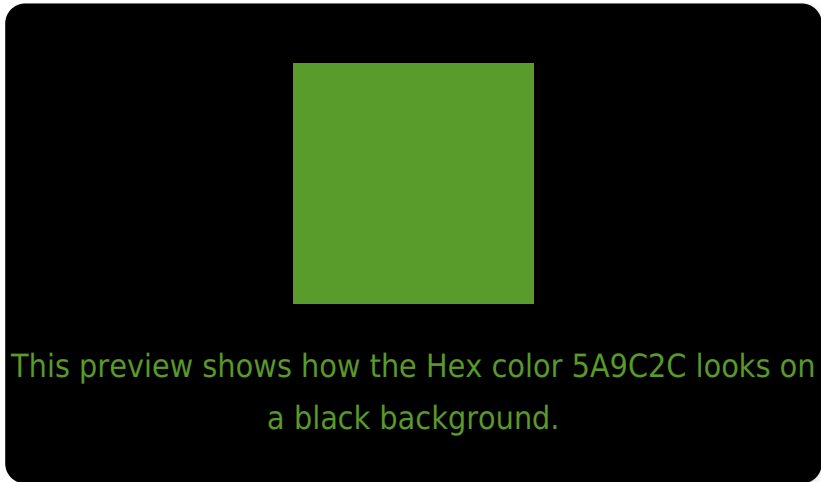
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 5A9C2C Background



This preview shows how black text looks on a background with the Hex color 5A9C2C.



This preview shows how white text looks on a background with the Hex color 5A9C2C.

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
5A9C2C

Protanopia
9C8B28

Deuteranopia
AD8435



Tritanopia
6B929D

Trichromacy



Original Color
5A9C2C



Protanomaly
849129



Deuteranomaly
8F8D32



Tritanomaly
659674

Monochromacy



Original Color
5A9C2C



Achromatopsia
7B7B7B



Achromatomaly
6F875E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9C2C 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 #5A9C2C looks like.

```
.text, #text, p{  
    color:#5A9C2C  
}
```

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 #5A9C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9C2C
}
```

Border

The CSS property to change the border of an element to Hex 5A9C2C 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
#5A9C2C }
```

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

```
.border{ border-color:#5A9C2C }
```

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

Here you see how a box with a 4 pixel #5A9C2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9C2C; -webkit-box-shadow:4px 4px  
4px 4px #5A9C2C; box-shadow:4px 4px 4px  
4px #5A9C2C }
```

Background

The CSS property to change the background color of an element to Hex 5A9C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9C2C }
```

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

```
.background{ background-color:#5A9C2C }
```

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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