

Converting Colors

Hex(5A9B23)

Have a look what the booklet for
Hex(5A9B23) contains.

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Color

Hex(5A9B23)

Conversions

Conversions Part 1

Format	Color
Hex	5A9B23
RGB	90, 155, 35
RGB Percent	35%, 61%, 14%
CMY	0.6471, 0.3922, 0.8627
CMYK	0.42, 0.00, 0.77, 0.39
HSL	92°, 63%, 37%
HSV	92°, 77%, 61%
XYZ	16.2412, 25.7377, 5.7020
YIQ	121.8850, -0.2200, -51.1000

Conversions

Conversions Part 2

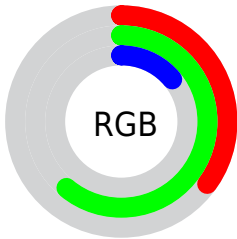
Format	Color
R_{YB}	35, 155, 100
Decimal	5937955
CIE _{Lab}	57.79, -40.59, 52.39
CIE _{LCh}	58, 66.278, 127.766
Yxy	25.7377, 0.3406, 0.5398
Android (android.graphics.Color)	4284128035 (0xFF5A9B23)
YUV	121.8850, -42.8343, -27.9631
Hunter-Lab	50.7323, -31.6376, 28.8488

Details

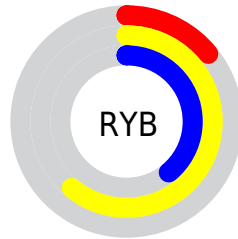
The Hex color **5A9B23** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **64239B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **91D259**, and **206700** is the 20% darker color. If you saturate the color by 10%, you get **529B13**, and if you desaturate by 10%, it is **629B33**.

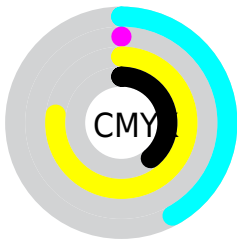
Distribution



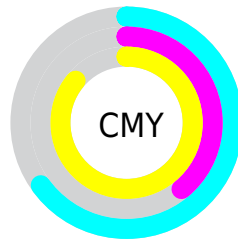
- Red (35%)
- Green (61%)
- Blue (14%)



- Red (14%)
- Yellow (61%)
- Blue (39%)



- Cyan (42%)
- Magenta (0%)
- Yellow (77%)
- Black (39%)



- Cyan (65%)
- Magenta (39%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9B23 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 5A9B23 by changing the saturation by 10% instead.



5A9B23



5A9B23

FFFFFF



3E8100



91D259



206700



ADEF74



004E00



CAFF8F



003700



E7FFAA



002200



FFFFC6



000000



FFFFE3



5A9B23



5A9B23



529B13



629B33

■ 499B04

■ 6B9B42

■ 479B00

■ 739B51

■ 7C9B61

■ 849B71

■ 8C9B80

■ 959B8F

■ 9D9B9F

■ A69BAE

Harmonies

Analogous

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



988D00



5A9B23



00A35C

Triad

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



5A9B23



009DF6



F24E7E

Complementary

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



5A9B23



64239B

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.



DB59B8



5A9B23



008DFE

Square

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



5A9B23



00A4D1



9F74E7



E95E47

Rectangle

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



5A9B23



00A585



9F74E7



EE4E92

Sweetspot

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



5A9B23



B0C99B



9B6323



576649



E6E6E6



666666

Same Dimension

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



5A9B23



64C90E



239B27



484D45



408C00



060D00

Inverse Universe

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



64239B



740EC9



9B2397



49454D



4C008C



07000D

Previews

White Background



This preview shows how the Hex color 5A9B23 looks on a white background.

Color Contrast Check

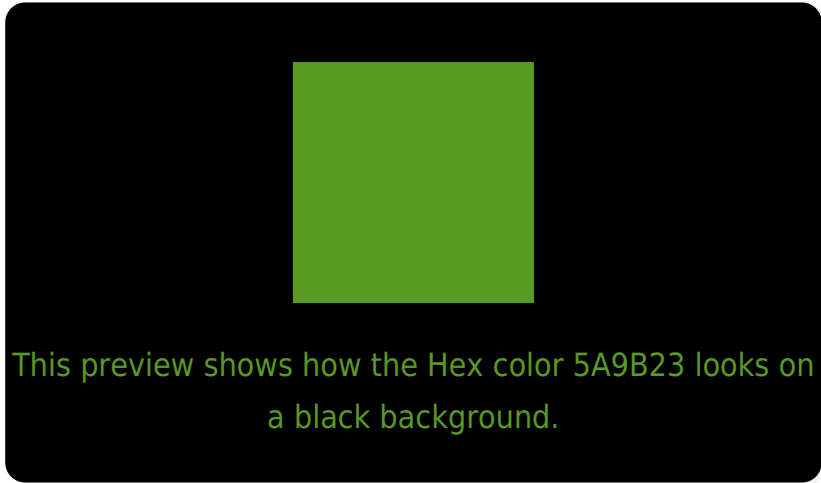
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A9B23 Background



This preview shows how black text looks on a background with the Hex color 5A9B23.



This preview shows how white text looks on a background with the Hex color 5A9B23.

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
5A9B23

Protanopia
9B8A1F

Deuteranopia
AD832E



Tritanopia
6B909C

Trichromacy



Original Color
5A9B23

Protanomaly
839020

Deuteranomaly
8F8C2A

Tritanomaly
659470

Monochromacy



Original Color
5A9B23

Achromatopsia
7A7A7A

Achromatomaly
6E865A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9B23 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 #5A9B23 looks like.

```
.text, #text, p{  
    color:#5A9B23  
}
```

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 #5A9B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9B23
}
```

Border

The CSS property to change the border of an element to Hex 5A9B23 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
#5A9B23 }
```

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

```
.border{ border-color:#5A9B23 }
```

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

Here you see how a box with a 4 pixel #5A9B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9B23; -webkit-box-shadow:4px 4px  
4px 4px #5A9B23; box-shadow:4px 4px 4px  
4px #5A9B23 }
```

Background

The CSS property to change the background color of an element to Hex 5A9B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9B23 }
```

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

```
.background{ background-color:#5A9B23 }
```

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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