

# Converting Colors

Hex(5A9C02)

Have a look what the booklet for  
Hex(5A9C02) contains.

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**Color**

**Hex(5A9C02)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A9C02
RGB	90, 156, 2
RGB Percent	35%, 61%, 1%
CMY	0.6471, 0.3882, 0.9922
CMYK	0.42, 0.00, 0.99, 0.39
HSL	86°, 97%, 31%
HSV	86°, 99%, 61%
XYZ	16.1159, 25.9550, 4.2178
YIQ	118.7100, 10.0980, -61.8860

# Conversions

## Conversions Part 2

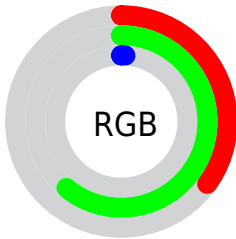
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 156, 68
Decimal	5938178
CIE <sub>Lab</sub>	57.99, -42.20, 59.90
CIE <sub>LCh</sub>	58, 73.276, 125.162
Yxy	25.9550, 0.3482, 0.5607
Android (android.graphics.Color)	4284128258 (0xFF5A9C02)
YUV	118.7100, -57.5380, -25.1787
Hunter-Lab	50.9460, -32.6902, 30.7536

# Details

The Hex color **5A9C02** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **44029C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **92D348**, and **1F6800** is the 20% darker color. If you saturate the color by 10%, you get **599C00**, and if you desaturate by 10%, it is **619C12**.

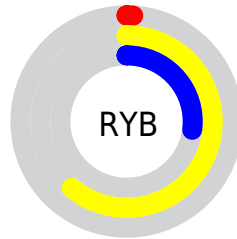
# Distribution



Red (35%)

Green (61%)

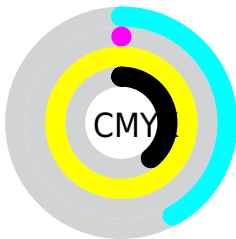
Blue (1%)



Red (1%)

Yellow (61%)

Blue (27%)

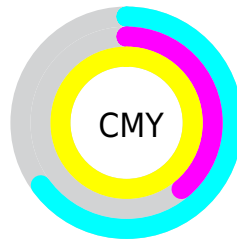


Cyan (42%)

Magenta (0%)

Yellow (99%)

Black (39%)



Cyan (65%)

Magenta (39%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A9C02 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 5A9C02 by changing the saturation by 10% instead.



 5A9C02

 5A9C02

FFFFFF

 3E8200

 92D348

 1F6800

 AFF064

 004F00

 CCFF7F

 003700

 E9FF9B

 002300

 FFFFB7

 000000

 FFFFD3

 FFFFF0

 5A9C02

 5A9C02

■ 599C00

■ 619C12

■ 679C21

■ 6E9C31

■ 759C40

■ 7B9C50

■ 829C60

■ 899C6F

■ 8F9C7F

■ 969C8E

# Harmonies

## Analogous

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



9E8C00



5A9C02



00A452

# Triad

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



5A9C02



00A0FF



FB4183

# Complementary

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



5A9C02



44029C

# 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.



E053C2



5A9C02



0090FF

# Square

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



5A9C02



00A7D4



9875F5



F35545

# Rectangle

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



5A9C02



00A77F



9875F5



F64399



# Sweetspot

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



5A9C02



B2CC8F



9C4202



566641



E6E6E6



666666



# Same Dimension

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



5A9C02



75CC00



0F9C02



4C4F47



528F00



090F00



# Inverse Universe

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



44029C



5700CC



8F029C



4B474F



3D008F



07000F



# Previews

## White Background



This preview shows how the Hex color 5A9C02 looks on a white background.

## Color Contrast Check

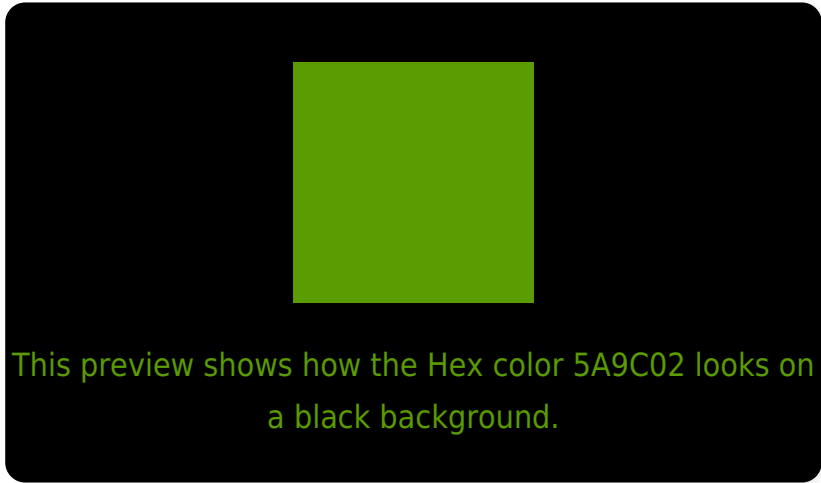
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A9C02 Background



This preview shows how black text looks on a background with the Hex color 5A9C02.



This preview shows how white text looks on a background with the Hex color 5A9C02.

# 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**  
5A9C02

**Protanopia**  
9D8B00

**Deuteranopia**  
AF841F



**Tritanopia**  
6C919D

# Trichromacy



**Original Color**  
5A9C02

**Protanomaly**  
859101

**Deuteranomaly**  
908D14

**Tritanomaly**  
659565

# Monochromacy



**Original Color**  
5A9C02

**Achromatopsia**  
777777

**Achromatomaly**  
6C844C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A9C02 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 #5A9C02 looks like.

```
.text, #text, p{  
    color:#5A9C02  
}
```

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 #5A9C02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9C02
}
```

## Border

The CSS property to change the border of an element to Hex 5A9C02 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
#5A9C02 }
```

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

```
.border{ border-color:#5A9C02 }
```

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

Here you see how a box with a 4 pixel #5A9C02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9C02; -webkit-box-shadow:4px 4px  
4px 4px #5A9C02; box-shadow:4px 4px 4px  
4px #5A9C02 }
```

# Background

The CSS property to change the background color of an element to Hex 5A9C02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9C02 }
```

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

```
.background{ background-color:#5A9C02 }
```

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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