

# Converting Colors

Hex(5CA302)

Have a look what the booklet for  
Hex(5CA302) contains.

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**Color**

**Hex(5CA302)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5CA302
RGB	92, 163, 2
RGB Percent	36%, 64%, 1%
CMY	0.6392, 0.3608, 0.9922
CMYK	0.44, 0.00, 0.99, 0.36
HSL	86°, 98%, 32%
HSV	86°, 99%, 64%
XYZ	17.5218, 28.4741, 4.6300
YIQ	123.4170, 9.3650, -65.1230

# Conversions

## Conversions Part 2

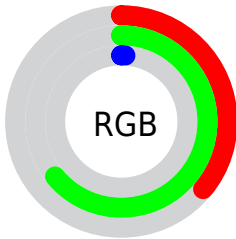
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 163, 73
Decimal	6071042
CIELab	60.31, -44.38, 61.77
CIELCh	60, 76.057, 125.694
Yxy	28.4741, 0.3461, 0.5624
Android (android.graphics.Color)	4284261122 (0xFF5CA302)
YUV	123.4170, -59.8586, -27.5527
Hunter-Lab	53.3611, -34.7692, 32.2084

# Details

The Hex color **5CA302** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4902A3**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **95DA4A**, and **1F6E00** is the 20% darker color. If you saturate the color by 10%, you get **5BA300**, and if you desaturate by 10%, it is **63A312**.

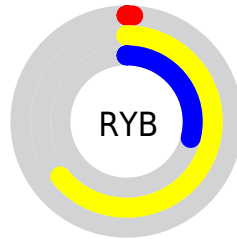
# Distribution



Red (36%)

Green (64%)

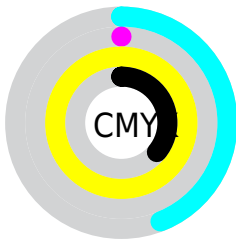
Blue (1%)



Red (1%)

Yellow (64%)

Blue (29%)

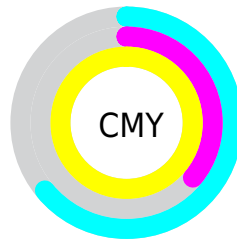


Cyan (44%)

Magenta (0%)

Yellow (99%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CA302 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 5CA302 by changing the saturation by 10% instead.





5CA302



5CA302

FFFFFF



3F8800



95DA4A



1F6E00



B1F765



005500



CEFF81



003D00



ECFF9D



002900



FFFFB9



000200



FFFFD6



000000



FFFFF3



5CA302



5CA302

■ 5BA300

■ 63A312

■ 6AA323

■ 72A333

■ 79A343

■ 80A353

■ 87A364

■ 8EA374

■ 96A384

■ 9DA395

# Harmonies

## Analogous

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



A39300



5CA302



00AC57

# Triad

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



5CA302



00A7FF



FF4388

# Complementary

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



5CA302



4902A3

# 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.



EA56CA



5CA302



0096FF

# Square

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



5CA302



00AEDE



A079FF



FE5847

# Rectangle

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



5CA302



00AE85



A079FF



FF459E



# Sweetspot

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



5CA302



B8D494



A34802



5A6B45



EBEBEB



6B6B6B



# Same Dimension

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



5CA302



76D400



0DA302



4E5249



519100



0A1200



# Inverse Universe

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



4902A3



5D00D4



9802A3



4D4952



400091



080012



# Previews

## White Background



This preview shows how the Hex color 5CA302 looks on a white background.

## Color Contrast Check

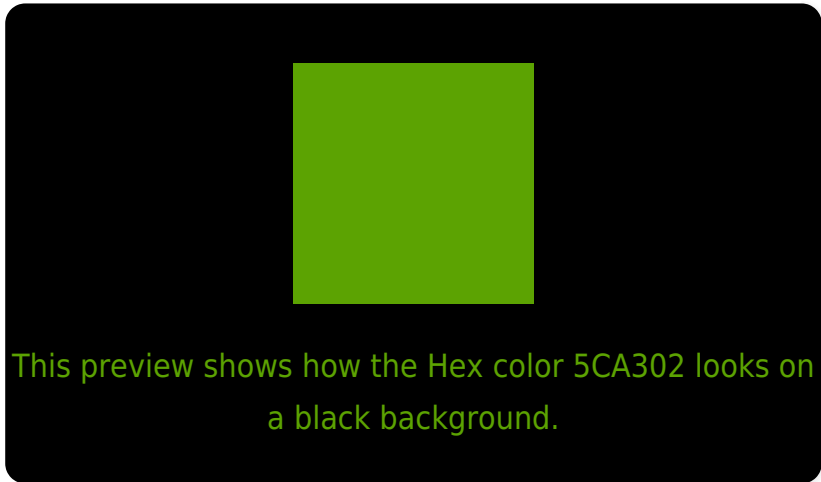
Large Text (above 18pt) WCAG AA ✓ Pass

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 5CA302 Background



This preview shows how black text looks on a background with the Hex color 5CA302.



This preview shows how white text looks on a background with the Hex color 5CA302.

# 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**  
5CA302

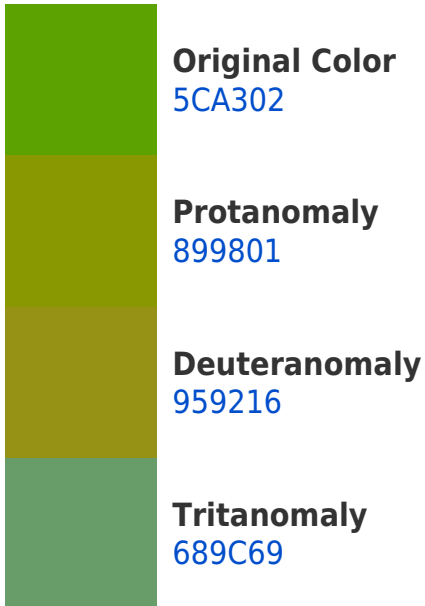
**Protanopia**  
A39100

**Deuteranopia**  
B68921

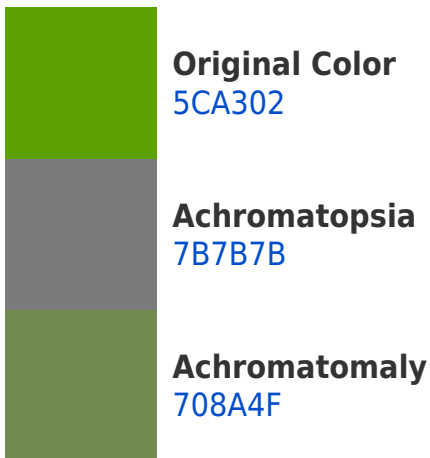


**Tritanopia**  
6F98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CA302 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 #5CA302 looks like.

```
.text, #text, p{  
    color:#5CA302  
}
```

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 #5CA302 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CA302
}
```

## Border

The CSS property to change the border of an element to Hex 5CA302 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".

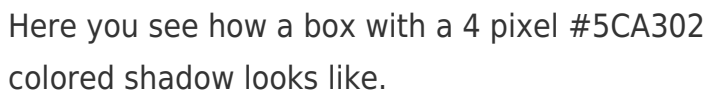
```
.border, #border, table{ border:4px solid
#5CA302 }
```

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

```
.border{ border-color:#5CA302 }
```

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

Here you see how a box with a 4 pixel #5CA302 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CA302; -webkit-box-shadow:4px 4px  
4px 4px #5CA302; box-shadow:4px 4px 4px  
4px #5CA302 }
```

# Background

The CSS property to change the background color of an element to Hex 5CA302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CA302 }
```

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

```
.background{ background-color:#5CA302 }
```

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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