

# Converting Colors

Hex(52A30C)

Have a look what the booklet for  
Hex(52A30C) contains.

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**Color**

**Hex(52A30C)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 52A30C                     |
| RGB           | 82, 163, 12                |
| RGB Percent   | 32%, 64%, 5%               |
| CMY           | 0.6784, 0.3608, 0.9529     |
| CMYK          | 0.50, 0.00, 0.93, 0.36     |
| HSL           | 92°, 86%, 34%              |
| HSV           | 92°, 93%, 64%              |
| XYZ           | 16.6432, 28.0148, 4.8780   |
| YIQ           | 121.5670, 0.1950, -64.1330 |

# Conversions

## Conversions Part 2

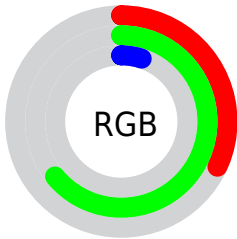
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 12, 163, 93                     |
| Decimal                             | 5415692                         |
| CIELab                              | 59.90, -47.44, 59.83            |
| CIELCh                              | 60, 76.355, 128.408             |
| Yxy                                 | 28.0148, 0.3360,<br>0.5655      |
| Android<br>(android.graphics.Color) | 4283605772<br>(0xFF52A30C)      |
| YUV                                 | 121.5670, -54.0165,<br>-34.7003 |
| Hunter-Lab                          | 52.9290, -36.4974,<br>31.5860   |

# Details

The Hex color **52A30C** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5D0CA3**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8BDB4D**, and **0B6E00** is the 20% darker color. If you saturate the color by 10%, you get **4CA300**, and if you desaturate by 10%, it is **5BA31C**.

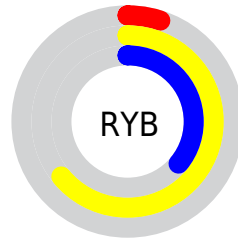
# Distribution



Red (32%)

Green (64%)

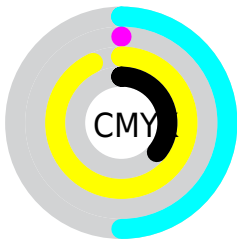
Blue (5%)



Red (5%)

Yellow (64%)

Blue (36%)

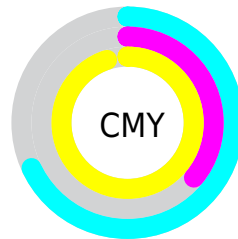


Cyan (50%)

Magenta (0%)

Yellow (93%)

Black (36%)



Cyan (68%)

Magenta (36%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52A30C 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 52A30C by changing the saturation by 10% instead.





52A30C



52A30C

FFFFFF



348800



8BDB4D



0B6E00



A8F769



005500



C5FF84



003D00



E2FFA0



002800



FFFFBC



000000



FFFFD9



FFFFF6



52A30C



52A30C

■ 4CA300

■ 5BA31C

■ 63A32D

■ 6CA33D

■ 75A34D

■ 7EA35E

■ 86A36E

■ 8FA37E

■ 98A38E

■ A1A39F

# Harmonies

## Analogous

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



9D9400



52A30C



00AB5C

# Triad

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



52A30C



00A5FF



FF4280

# Complementary

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



52A30C



5D0CA3

# Split Complementary

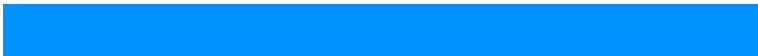
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EE51C3



52A30C



0093FF

# Square

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



52A30C



00ADE3



A875FB



FA5A40

# Rectangle

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



52A30C



00AE8B



A875FB



FF4297



# Sweetspot

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



52A30C



B4D498



A35D0C



586B47



EBEBEB



6B6B6B



# Same Dimension

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



52A30C



62D400



0CA311



4D5249



439100



081200



# Inverse Universe

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



5D0CA3



7200D4



A30C9E



4E4952



4E0091



0A0012



# Previews

## White Background



This preview shows how the Hex color 52A30C looks on a white background.

## Color Contrast Check

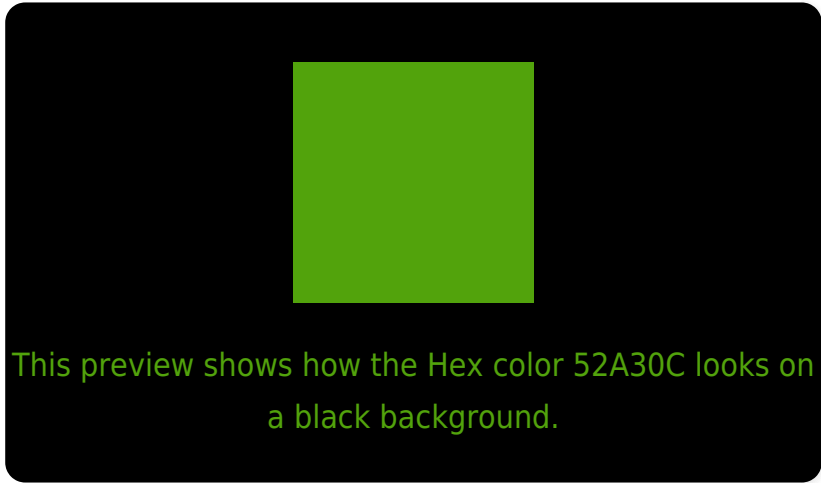
Large Text (above 18pt) WCAG AA ✓ Pass

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 52A30C Background



This preview shows how black text looks on a background with the Hex color 52A30C.

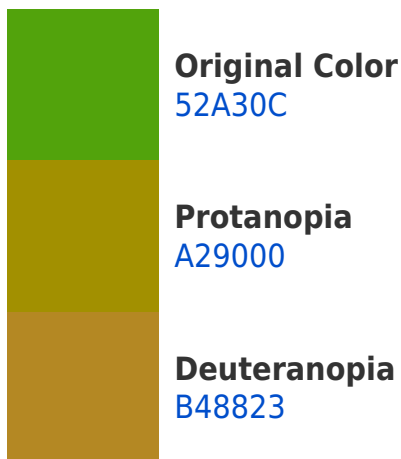


This preview shows how white text looks on a background with the Hex color 52A30C.

# 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





**Tritanopia**  
6898A4

# Trichromacy



**Original Color**  
52A30C

**Protanomaly**  
859704

**Deuteranomaly**  
90921B

**Tritanomaly**  
609C6D

# Monochromacy



**Original Color**  
52A30C

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
6B8952

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52A30C 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 #52A30C looks like.

```
.text, #text, p{  
    color:#52A30C  
}
```

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 #52A30C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A30C
}
```

## Border

The CSS property to change the border of an element to Hex 52A30C 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
#52A30C }
```

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

```
.border{ border-color:#52A30C }
```

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

Here you see how a box with a 4 pixel #52A30C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A30C; -webkit-box-shadow:4px 4px  
4px 4px #52A30C; box-shadow:4px 4px 4px  
4px #52A30C }
```

# Background

The CSS property to change the background color of an element to Hex 52A30C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A30C }
```

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

```
.background{ background-color:#52A30C }
```

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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