

# Converting Colors

Hex(4BC30A)

Have a look what the booklet for  
Hex(4BC30A) contains.

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# Color

Hex(4BC30A)

# Conversions

## Conversions Part 1

Format	Color
Hex	4BC30A
RGB	75, 195, 10
RGB Percent	29%, 76%, 4%
CMY	0.7059, 0.2353, 0.9608
CMYK	0.62, 0.00, 0.95, 0.24
HSL	99°, 90%, 40%
HSV	99°, 95%, 76%
XYZ	22.4715, 40.5480, 6.9293
YIQ	138.0300, -12.1350, -82.9750

# Conversions

## Conversions Part 2

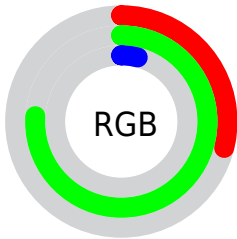
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 195, 130
Decimal	4965130
CIELab	69.86, -60.90, 68.18
CIELCh	70, 91.423, 131.774
Yxy	40.5480, 0.3213, 0.5797
Android (android.graphics.Color)	4283155210 (0xFF4BC30A)
YUV	138.0300, -63.1188, -55.2773
Hunter-Lab	63.6773, -48.4431, 38.1222

# Details

The Hex color **4BC30A** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **820AC3**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8AFD53**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **45C300**, and if you desaturate by 10%, it is **58C31D**.

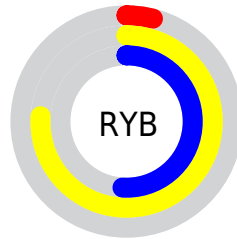
# Distribution



Red (29%)

Green (76%)

Blue (4%)



Red (4%)

Yellow (76%)

Blue (51%)

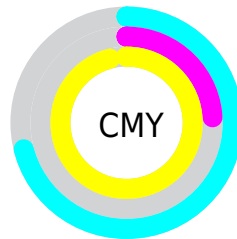


Cyan (62%)

Magenta (0%)

Yellow (95%)

Black (24%)



Cyan (71%)

Magenta (24%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BC30A 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 4BC30A by changing the saturation by 10% instead.





4BC30A



4BC30A

FFFFFF



24A700



8AFD53



008C00



A8FF6F



007100



C6FF8C



005800



E4FFA8



003F00



FFFFC5



002800



FFFFE2



000000



4BC30A



4BC30A



45C300



58C31D

 64C331

 71C344

 7EC358

 8AC36C

 97C37F

 A4C393

 B0C3A6

 BDC3B9

# Harmonies

## Analogous

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



B0B100



4BC30A



00CC73

# Triad

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



4BC30A



00C2FF



FF448E

# Complementary

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



4BC30A



820AC3

# 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.



FF54E1



4BC30A



00AAFF

# Square

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



4BC30A



00CFFF



D583FF



FF6A3E

# Rectangle

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



4BC30A



00CEAD



D583FF



FF42A9

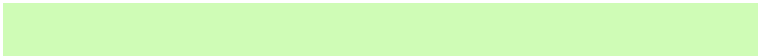


# Sweetspot

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



4BC30A



CFFCB6



C37F0A



638054



000000



808080



# Same Dimension

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



4BC30A



59FC00



0AC323



5B6157



38A100



0C2100



# Inverse Universe

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



820AC3



A400FC



C30AAA



5D5761



6800A1

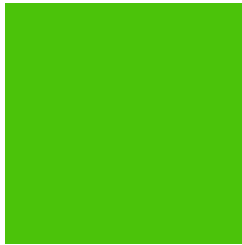


160021



# Previews

## White Background



This preview shows how the Hex color 4BC30A looks on a white background.

## Color Contrast Check

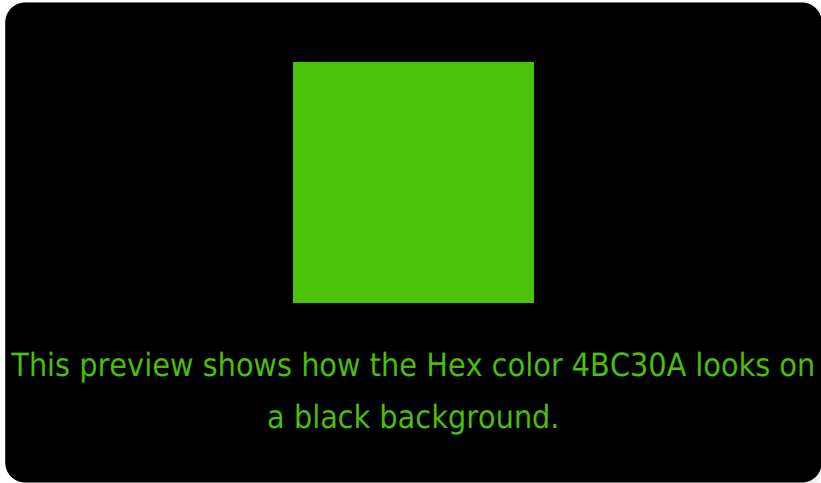
Large Text (above 18pt) WCAG AA × Fail

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

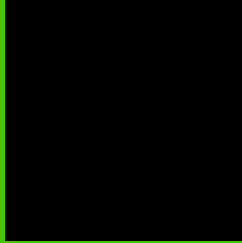
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BC30A Background



This preview shows how black text looks on a background with the Hex color 4BC30A.



This preview shows how white text looks on a background with the Hex color 4BC30A.

# 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](#).

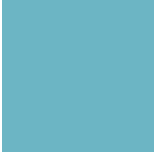
## Dichromacy



**Original Color**  
4BC30A

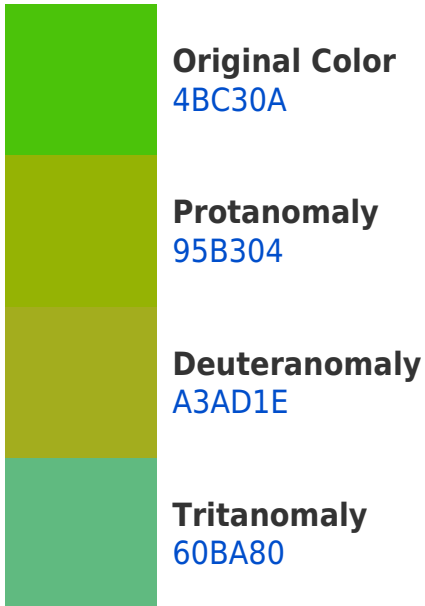
**Protanopia**  
BFAA00

**Deuteranopia**  
D5A12A

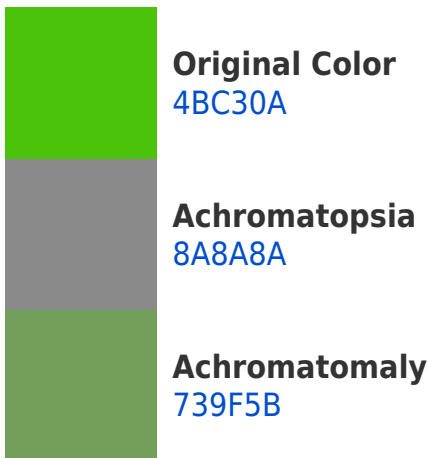


**Tritanopia**  
6CB5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BC30A 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 #4BC30A looks like.

```
.text, #text, p{  
    color:#4BC30A  
}
```

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 #4BC30A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC30A
}
```

## Border

The CSS property to change the border of an element to Hex 4BC30A 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
#4BC30A }
```

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

```
.border{ border-color:#4BC30A }
```

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

Here you see how a box with a 4 pixel #4BC30A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC30A; -webkit-box-shadow:4px 4px  
4px 4px #4BC30A; box-shadow:4px 4px 4px  
4px #4BC30A }
```

# Background

The CSS property to change the background color of an element to Hex 4BC30A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC30A }
```

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

```
.background{ background-color:#4BC30A }
```

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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