

Converting Colors

Hex(5BC21A)

Have a look what the booklet for
Hex(5BC21A) contains.

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Color

Hex(5BC21A)

Conversions

Conversions Part 1

Format	Color
Hex	5BC21A
RGB	91, 194, 26
RGB Percent	36%, 76%, 10%
CMY	0.6431, 0.2392, 0.8980
CMYK	0.53, 0.00, 0.87, 0.24
HSL	97°, 76%, 43%
HSV	97°, 87%, 76%
XYZ	23.7926, 40.8823, 7.6144
YIQ	144.0510, -7.4600, -74.0840

Conversions

Conversions Part 2

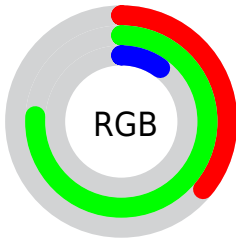
Format	Color
R_{YB}	26, 194, 129
Decimal	6013466
CIE _{Lab}	70.09, -55.98, 66.04
CIE _{LCh}	70, 86.570, 130.285
Yxy	40.8823, 0.3291, 0.5655
Android (android.graphics.Color)	4284203546 (0xFF5BC21A)
YUV	144.0510, -58.1991, -46.5257
Hunter-Lab	63.9393, -45.4716, 37.6968

Details

The Hex color **5BC21A** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed green. A complement of this color would be **811AC2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **97FB59**, and **0C8B00** is the 20% darker color. If you saturate the color by 10%, you get **4FC207**, and if you desaturate by 10%, it is **67C22D**.

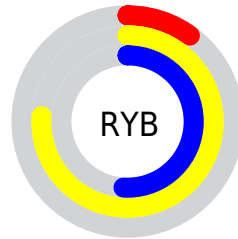
Distribution



Red (36%)

Green (76%)

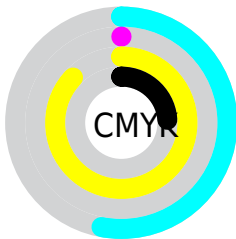
Blue (10%)



Red (10%)

Yellow (76%)

Blue (51%)

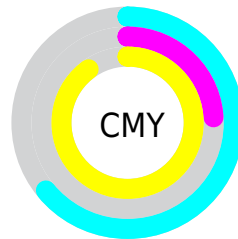


Cyan (53%)

Magenta (0%)

Yellow (87%)

Black (24%)



Cyan (64%)

Magenta (24%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BC21A 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 5BC21A by changing the saturation by 10% instead.

 5BC21A

 5BC21A

FFFFFF

 3BA600

 97FB59

 0C8B00

 B4FF76

 007100

 D2FF92

 005700

 F0FFAE

 003F00

 FFFFCB

 002800

 FFFFEB

 000100

 000000

 5BC21A

 5BC21A

 4FC207

 67C22D

 4BC200

 73C241

 7FC254

 8BC268

 96C27B

 A2C28E

 AEC2A2

 BAC2B5

 C6C2C9

Harmonies

Analogous

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



B5B100



5BC21A



00CB73

Triad

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



5BC21A



00C2FF



FF5094

Complementary

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



5BC21A



811AC2

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.



FF5FE2



5BC21A



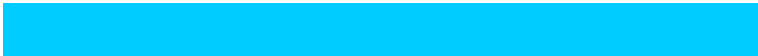
00ACFF

Square

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



5BC21A



00CCFF



CF89FF



FF6E48

Rectangle

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



5BC21A



00CEAA



CF89FF



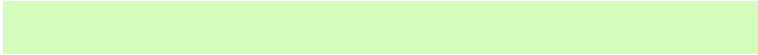
FF4FAE

Sweetspot

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



5BC21A



D4FCBB



C27F1A



678058



000000



808080

Same Dimension

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



5BC21A



62FC00



1AC22B



5B6157



3EA100



0D2100

Inverse Universe

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



811AC2



9B00FC



C21AB1



5D5761



6200A1



140021

Previews

White Background



This preview shows how the Hex color 5BC21A looks on a white background.

Color Contrast Check

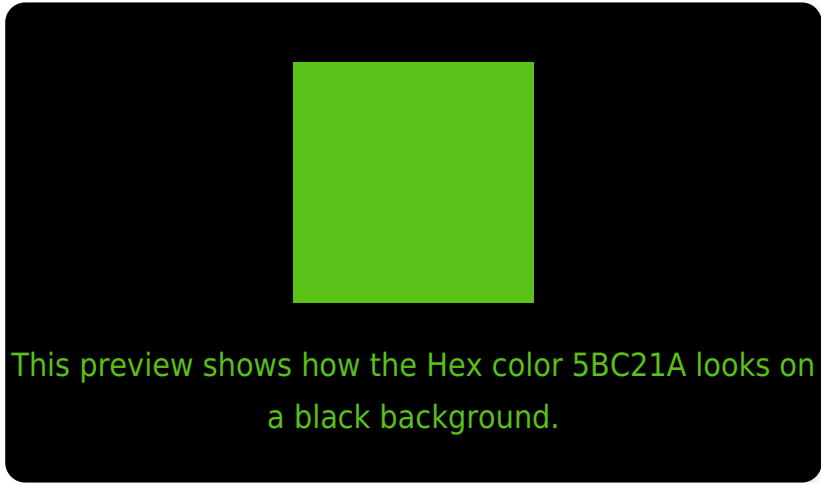
Large Text (above 18pt) WCAG AA × Fail

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 5BC21A Background



This preview shows how black text looks on a background with the Hex color 5BC21A.

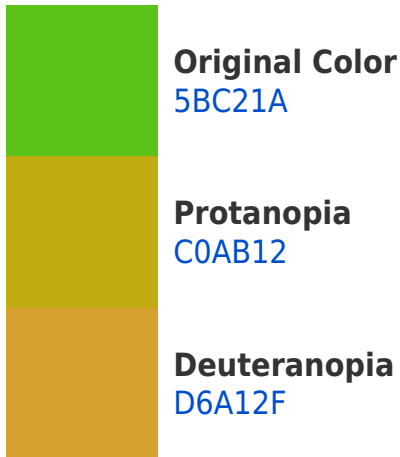


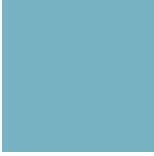
This preview shows how white text looks on a background with the Hex color 5BC21A.

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
76B4C3

Trichromacy



Original Color
5BC21A



Protanomaly
9BB315



Deuteranomaly
A9AD27



Tritanomaly
6CB986

Monochromacy



Original Color
5BC21A



Achromatopsia
909090



Achromatomaly
7DA265

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BC21A 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 #5BC21A looks like.

```
.text, #text, p{  
    color:#5BC21A  
}
```

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 #5BC21A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC21A
}
```

Border

The CSS property to change the border of an element to Hex 5BC21A 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
#5BC21A }
```

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

```
.border{ border-color:#5BC21A }
```

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

Here you see how a box with a 4 pixel #5BC21A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC21A; -webkit-box-shadow:4px 4px  
4px 4px #5BC21A; box-shadow:4px 4px 4px  
4px #5BC21A }
```

Background

The CSS property to change the background color of an element to Hex 5BC21A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC21A }
```

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

```
.background{ background-color:#5BC21A }
```

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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