

Converting Colors

Hex(53BC1E)

Have a look what the booklet for
Hex(53BC1E) contains.

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Color

Hex(53BC1E)

Conversions

Conversions Part 1

Format	Color
Hex	53BC1E
RGB	83, 188, 30
RGB Percent	33%, 74%, 12%
CMY	0.6745, 0.2627, 0.8824
CMYK	0.56, 0.00, 0.84, 0.26
HSL	100°, 72%, 43%
HSV	100°, 84%, 74%
XYZ	21.7848, 37.8992, 7.3954
YIQ	138.5930, -11.8620, -71.3980

Conversions

Conversions Part 2

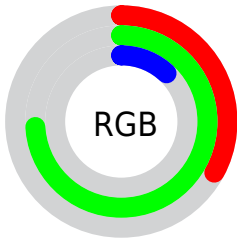
Format	Color
RYB	30, 188, 135
Decimal	5487646
CIELab	67.95, -55.85, 63.13
CIELCh	68, 84.289, 131.495
Yxy	37.8992, 0.3248, 0.5650
Android (android.graphics.Color)	4283677726 (0xFF53BC1E)
YUV	138.5930, -53.5363, -48.7551
Hunter-Lab	61.5623, -44.5689, 35.9712

Details

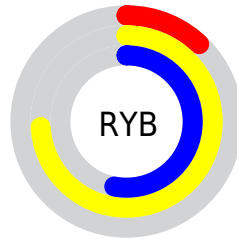
The Hex color **53BC1E** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **871EBC**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8FF55B**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **47BC0B**, and if you desaturate by 10%, it is **5FBC31**.

Distribution



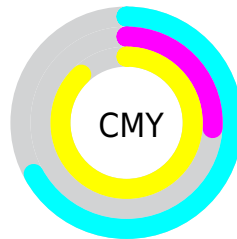
- Red (33%)
- Green (74%)
- Blue (12%)



- Red (12%)
- Yellow (74%)
- Blue (53%)



- Cyan (56%)
- Magenta (0%)
- Yellow (84%)
- Black (26%)



- Cyan (67%)
- Magenta (26%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53BC1E 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 53BC1E by changing the saturation by 10% instead.

 53BC1E

 53BC1E

FFFFFF

 32A000

 8FF55B

 008600

 ACFF76

 006B00

 CAFF92

 005200

 E8FFAE

 003A00

 FFFFCB

 002300

 FFFFEB

 000000

 53BC1E

 53BC1E

 47BC0B

 5FBC31

 3FBC00

 6CBC44

 78BC56

 85BC69

 91BC7C

 9EBC8F

 AABCA2

 B7BCB4

 C3BCC7

Harmonies

Analogous

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



ACAB00



53BC1E



00C472

Triad

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



53BC1E



00BBFF



FF4E8C

Complementary

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



53BC1E



871EBC

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.



FF5BD8



53BC1E



00A5FF

Square

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



53BC1E



00C5FF



CC82FF



FF6C43

Rectangle

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



53BC1E



00C7A7



CC82FF



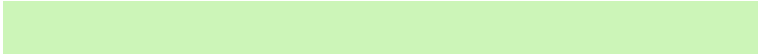
FF4DA5

Sweetspot

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



53BC1E



CCF5B8



BC851E



627A56



FAFAFA



7A7A7A

Same Dimension

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



53BC1E



52F500



1EBC36



585E55



359E00



0A1F00

Inverse Universe

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



871EBC



A300F5



BC1EA4



5B555E



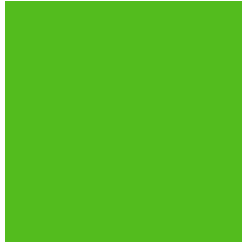
69009E



14001F

Previews

White Background



This preview shows how the Hex color 53BC1E looks on a white background.

Color Contrast Check

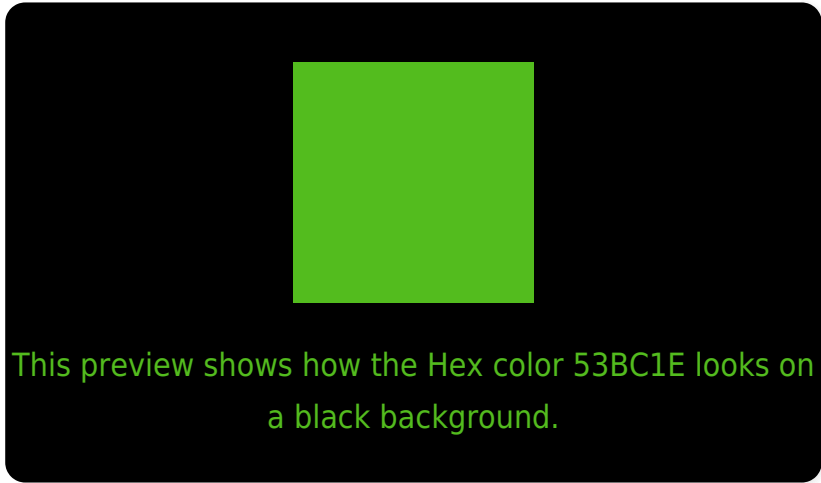
Large Text (above 18pt) WCAG AA × Fail

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 53BC1E Background



This preview shows how black text looks on a background with the Hex color 53BC1E.

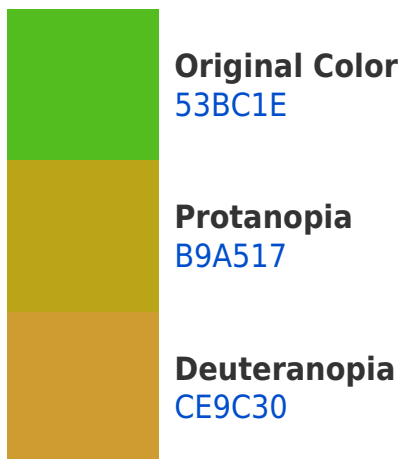


This preview shows how white text looks on a background with the Hex color 53BC1E.

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](#).

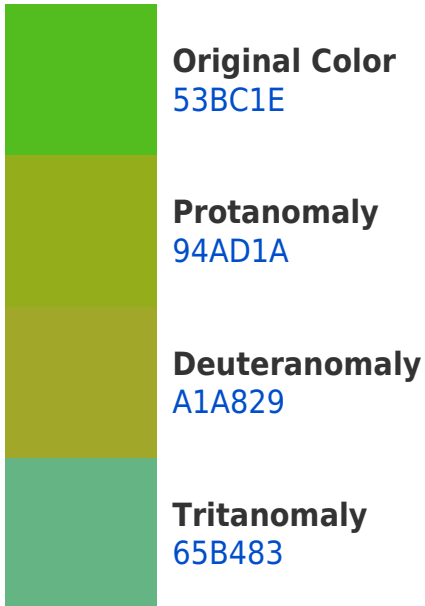
Dichromacy





Tritanopia
6FAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53BC1E 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 #53BC1E looks like.

```
.text, #text, p{  
    color:#53BC1E  
}
```

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 #53BC1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BC1E
}
```

Border

The CSS property to change the border of an element to Hex 53BC1E 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
#53BC1E }
```

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

```
.border{ border-color:#53BC1E }
```

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

Here you see how a box with a 4 pixel #53BC1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BC1E; -webkit-box-shadow:4px 4px  
4px 4px #53BC1E; box-shadow:4px 4px 4px  
4px #53BC1E }
```

Background

The CSS property to change the background color of an element to Hex 53BC1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BC1E }
```

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

```
.background{ background-color:#53BC1E }
```

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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