

Converting Colors

Hex(55BC2E)

Have a look what the booklet for
Hex(55BC2E) contains.

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Color

Hex(55BC2E)

Conversions

Conversions Part 1

Format	Color
Hex	55BC2E
RGB	85, 188, 46
RGB Percent	33%, 74%, 18%
CMY	0.6667, 0.2627, 0.8196
CMYK	0.55, 0.00, 0.76, 0.26
HSL	104°, 61%, 46%
HSV	104°, 76%, 74%
XYZ	22.2227, 38.0950, 8.7666
YIQ	141.0150, -15.8060, -65.9980

Conversions

Conversions Part 2

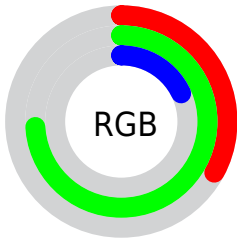
Format	Color
RYB	46, 188, 149
Decimal	5618734
CIELab	68.09, -54.43, 58.62
CIELCh	68, 79.996, 132.877
Yxy	38.0950, 0.3217, 0.5514
Android (android.graphics.Color)	4283808814 (0xFF55BC2E)
YUV	141.0150, -46.8424, -49.1252
Hunter-Lab	61.7211, -43.7431, 34.7835

Details

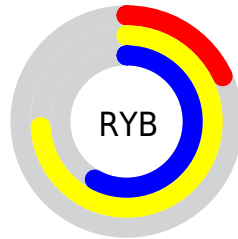
The Hex color **55BC2E** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **952EBC**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **90F566**, and **018600** is the 20% darker color. If you saturate the color by 10%, you get **47BC1B**, and if you desaturate by 10%, it is **63BC41**.

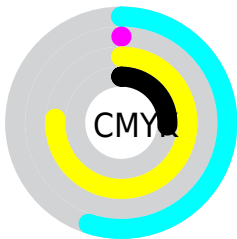
Distribution



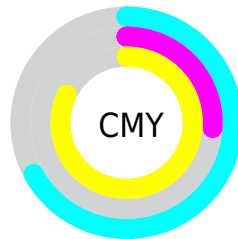
- Red (33%)
- Green (74%)
- Blue (18%)



- Red (18%)
- Yellow (74%)
- Blue (58%)



- Cyan (55%)
- Magenta (0%)
- Yellow (76%)
- Black (26%)



- Cyan (67%)
- Magenta (26%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55BC2E 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 55BC2E by changing the saturation by 10% instead.

 55BC2E

 55BC2E

FFFFFF

 35A007

 90F566

 018600

 ADFF81

 006B00

 CBFF9D

 005200

 E9FFB9

 003A00

 FFFFD6

 002300

 FFFFF3

 000000

 55BC2E

 55BC2E

 47BC1B

 63BC41

 3ABC08

 70BC54

 34BC00

 7EBC66

 8CBC79

 99BC8C

 A7BC9F

 B4BCB2

 C2BCC4

 D0BCD7

Harmonies

Analogous

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



AAAC00



55BC2E



00C479

Triad

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



55BC2E



00BAFF



FF588A

Complementary

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



55BC2E



952EBC

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.



FF61D2



55BC2E



24A4FF

Square

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



55BC2E



00C4FF



CF83FF



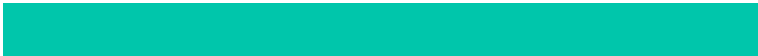
FF7246

Rectangle

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



55BC2E



00C6AB



CF83FF



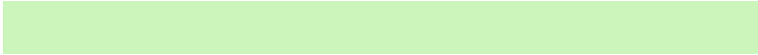
FF56A2

Sweetspot

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



55BC2E



CCF5BC



BC942E



627A58



FAFAFA



7A7A7A

Same Dimension

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



55BC2E



53F516



2EBC4D



585E55



2B9E00



081F00

Inverse Universe

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



952EBC



B816F5



BC2E9D



5C555E



73009E



16001F

Previews

White Background



This preview shows how the Hex color 55BC2E looks on a white background.

Color Contrast Check

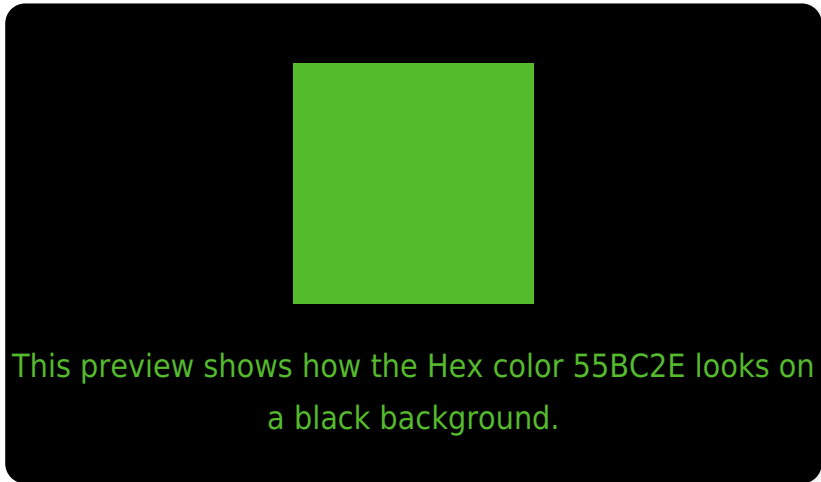
Large Text (above 18pt) WCAG AA × Fail

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 55BC2E Background



This preview shows how black text looks on a background with the Hex color 55BC2E.

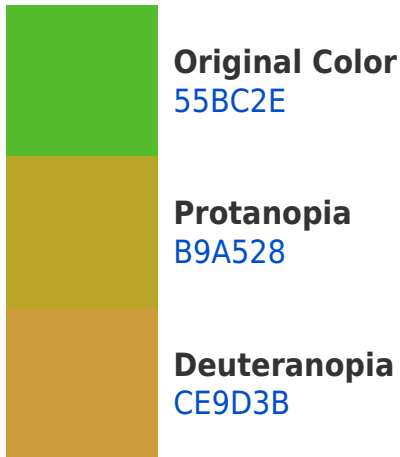


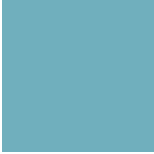
This preview shows how white text looks on a background with the Hex color 55BC2E.

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
70AFBD

Trichromacy



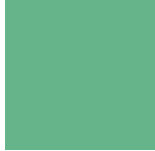
Original Color
55BC2E



Protanomaly
95AD2A



Deuteranomaly
A2A836



Tritanomaly
66B489

Monochromacy



Original Color
55BC2E



Achromatopsia
8D8D8D



Achromatomaly
799E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 55BC2E 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 #55BC2E looks like.

```
.text, #text, p{  
    color:#55BC2E  
}
```

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 #55BC2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55BC2E
}
```

Border

The CSS property to change the border of an element to Hex 55BC2E 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
#55BC2E }
```

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

```
.border{ border-color:#55BC2E }
```

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

Here you see how a box with a 4 pixel #55BC2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55BC2E; -webkit-box-shadow:4px 4px  
4px 4px #55BC2E; box-shadow:4px 4px 4px  
4px #55BC2E }
```

Background

The CSS property to change the background color of an element to Hex 55BC2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55BC2E }
```

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

```
.background{ background-color:#55BC2E }
```

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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