

Converting Colors

Hex(53BB4B)

Have a look what the booklet for
Hex(53BB4B) contains.

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Color

Hex(53BB4B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53BB4B |
| RGB | 83, 187, 75 |
| RGB Percent | 33%, 73%, 29% |
| CMY | 0.6745, 0.2667, 0.7059 |
| CMYK | 0.56, 0.00, 0.60, 0.27 |
| HSL | 116°, 45%, 51% |
| HSV | 116°, 60%, 73% |
| XYZ | 22.6076, 37.8876, 12.7781 |
| YIQ | 143.1360, -26.0320, -56.8800 |

Conversions

Conversions Part 2

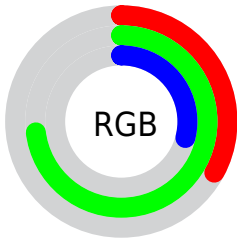
| Format | Color |
|-------------------------------------|--|
| RYB | 75, 187, 179 |
| Decimal | 5487435 |
| CIELab | 67.94, -52.00, 46.80 |
| CIELCh | 68, 69.963, 138.015 |
| Yxy | 37.8876, 0.3085, 0.5171 |
| Android (android.graphics.Color) | 4283677515 (0xFF53BB4B) |
| YUV | 143.1360, -33.5910, -52.7393 |
| Hunter-Lab | 61.5529, -42.1569, 30.7787 |

Details

The Hex color **53BB4B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B34BBB**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8DF47F**, and **028515** is the 20% darker color. If you saturate the color by 10%, you get **42BB38**, and if you desaturate by 10%, it is **64BB5E**.

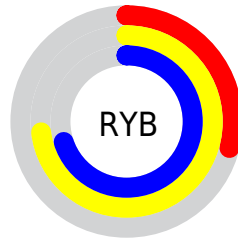
Distribution



Red (33%)

Green (73%)

Blue (29%)



Red (29%)

Yellow (73%)

Blue (70%)

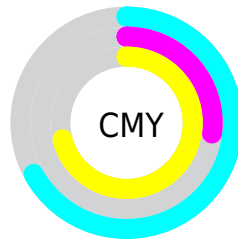


Cyan (56%)

Magenta (0%)

Yellow (60%)

Black (27%)



Cyan (67%)

Magenta (27%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53BB4B 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 53BB4B by changing the saturation by 10% instead.

 53BB4B

 53BB4B

FFFFFF

 339F31

 8DF47F

 028515

 AAFF9A

 006B00

 C7FFB6

 005100

 E5FFD2

 003900

 FFFFEF

 002300

 000000

 53BB4B

 53BB4B

 42BB38

 64BB5E

 30BB26

 76BB70

 1FBB13

 87BB83

 0EBB00

 98BB96

 0DBB00

 AABBA9

 BBBBBB

 CDBBCE

 DEBBE1

 EFBBF3

Harmonies

Analogous

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



A1AE16



53BB4B



00C289

Triad

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



53BB4B



00B4FF



FF6982

Complementary

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



53BB4B



B34BBB

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.



FF6BC2



53BB4B



729FFF

Square

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



53BB4B



00BFFF



D883FB



FF7F49

Rectangle

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



53BB4B



00C3B5



D883FB



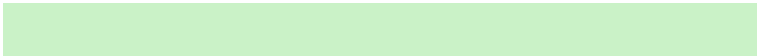
FF6797

Sweetspot

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



53BB4B



CAF2C7



BBB24B



617A5F



FAFAFA



7A7A7A

Same Dimension

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



53BB4B



50F244



4BBB7A



565E55



0B9E00



021F00

Inverse Universe

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



B34BBB



E644F2



BB4B8C



5E555E



93009E



1C001F

Previews

White Background



This preview shows how the Hex color 53BB4B looks on a white background.

Color Contrast Check

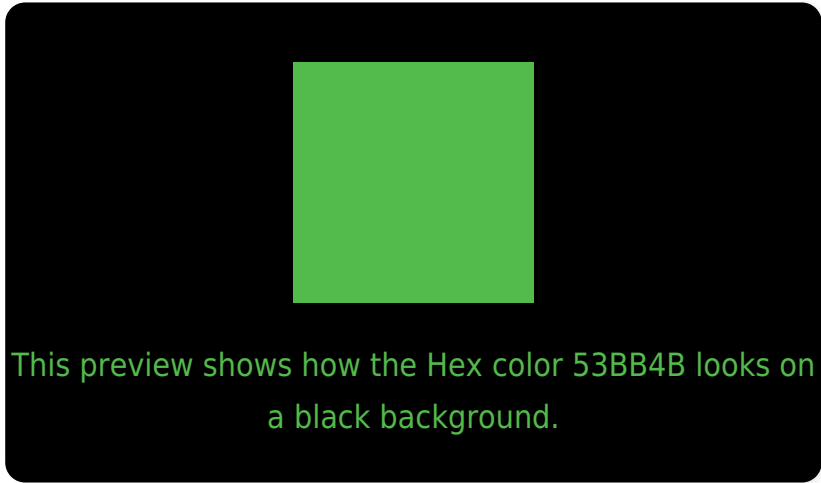
Large Text (above 18pt) WCAG AA × Fail

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

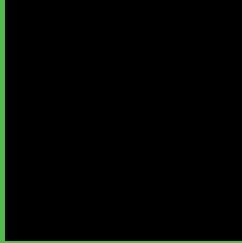
Any Text WCAG AA ✓ Pass

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 53BB4B Background



This preview shows how black text looks on a background with the Hex color 53BB4B.



This preview shows how white text looks on a background with the Hex color 53BB4B.

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
53BB4B

Protanopia
B7A544

Deuteranopia
CA9D54

Trichromacy



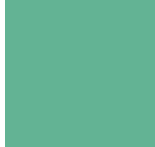
Original Color
53BB4B



Protanomaly
93AD47



Deuteranomaly
9FA851



Tritanomaly
63B394

Monochromacy



Original Color
53BB4B



Achromatopsia
8F8F8F



Achromatomaly
799F76

CSS Examples

Text

The CSS property to change the color of the text to Hex 53BB4B 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 #53BB4B looks like.

```
.text, #text, p{  
    color:#53BB4B  
}
```

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 #53BB4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BB4B
}
```

Border

The CSS property to change the border of an element to Hex 53BB4B 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
#53BB4B }
```

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

```
.border{ border-color:#53BB4B }
```

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

Here you see how a box with a 4 pixel #53BB4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BB4B; -webkit-box-shadow:4px 4px  
4px 4px #53BB4B; box-shadow:4px 4px 4px  
4px #53BB4B }
```

Background

The CSS property to change the background color of an element to Hex 53BB4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BB4B }
```

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

```
.background{ background-color:#53BB4B }
```

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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