

Converting Colors

Hex(53AD4A)

Have a look what the booklet for
Hex(53AD4A) contains.

| | |
|--|----|
| Hex(53AD4A) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(53AD4A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53AD4A |
| RGB | 83, 173, 74 |
| RGB Percent | 33%, 68%, 29% |
| CMY | 0.6745, 0.3216, 0.7098 |
| CMYK | 0.52, 0.00, 0.57, 0.32 |
| HSL | 115°, 40%, 48% |
| HSV | 115°, 57%, 68% |
| XYZ | 19.7469, 32.2206, 11.6570 |
| YIQ | 134.8040, -21.8610, -49.8690 |

Conversions

Conversions Part 2

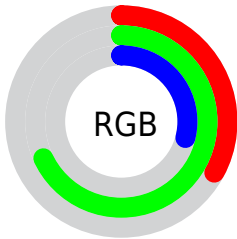
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 74, 173, 164 |
| Decimal | 5483850 |
| CIELab | 63.52, -46.64, 42.14 |
| CIElCh | 64, 62.864, 137.901 |
| Yxy | 32.2206, 0.3104, 0.5064 |
| Android (android.graphics.Color) | 4283673930 (0xFF53AD4A) |
| YUV | 134.8040, -29.9764, -45.4321 |
| Hunter-Lab | 56.7632, -37.2386, 27.5583 |

Details

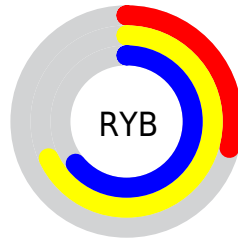
The Hex color **53AD4A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A44AAD**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8BE57E**, and **107816** is the 20% darker color. If you saturate the color by 10%, you get **43AD39**, and if you desaturate by 10%, it is **63AD5B**.

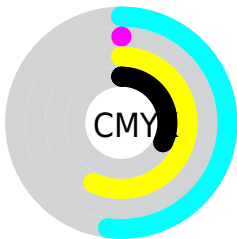
Distribution



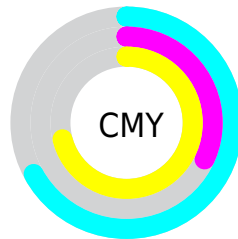
- Red (33%)
- Green (68%)
- Blue (29%)



- Red (29%)
- Yellow (68%)
- Blue (64%)



- Cyan (52%)
- Magenta (0%)
- Yellow (57%)
- Black (32%)



- Cyan (67%)
- Magenta (32%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AD4A 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 53AD4A by changing the saturation by 10% instead.

 53AD4A

 53AD4A

FFFFFF

 369231

 8BE57E

 107816

 A8FF98

 005E00

 C4FFB4

 004500

 E2FFD0

 002F00

 FFFFEC

 001500

 000000

 53AD4A

 53AD4A

 43AD39

 63AD5B

■ 34AD27

■ 72AD6D

■ 24AD16

■ 82AD7E

■ 14AD05

■ 92AD8F

■ 10AD00

■ A2ADA1

■ B1ADB2

■ C1ADC3

■ D1ADD4

■ E1ADE6

Harmonies

Analogous

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



97A121



53AD4A



00B380

Triad

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



53AD4A



00A7FF



FF667B

Complementary

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



53AD4A



A44AAD

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.



F467B3



53AD4A



6E94FF

Square

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



53AD4A



00B1EC



C77CE6



EF7848

Rectangle

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



53AD4A



00B5A8



C77CE6



FF648D

Sweetspot

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



53AD4A



BEE0BA



ADA34A



5C705A



F0F0F0



707070

Same Dimension

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



53AD4A



54E046



4AAD72



4F574E



0E9600



021700

Inverse Universe

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



A44AAD



D246E0



AD4A85



564E57



890096



150017

Previews

White Background



This preview shows how the Hex color 53AD4A looks on a white background.

Color Contrast Check

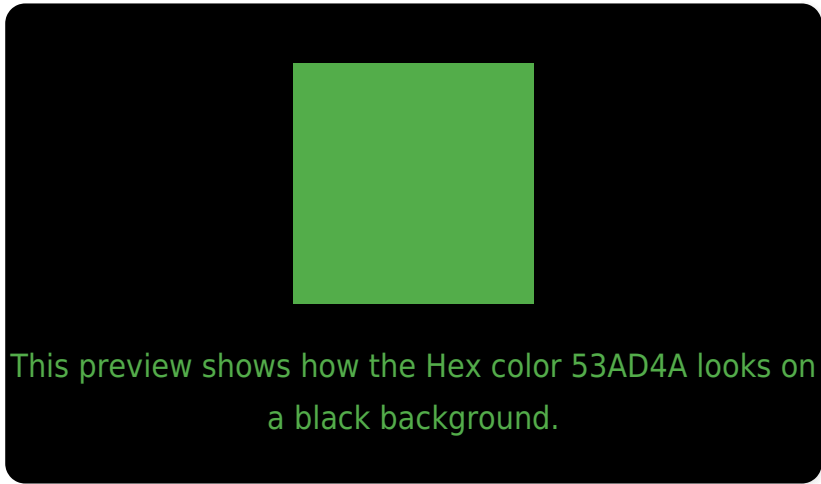
Large Text (above 18pt) WCAG AA × Fail

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 53AD4A Background



This preview shows how black text looks on a background with the Hex color 53AD4A.

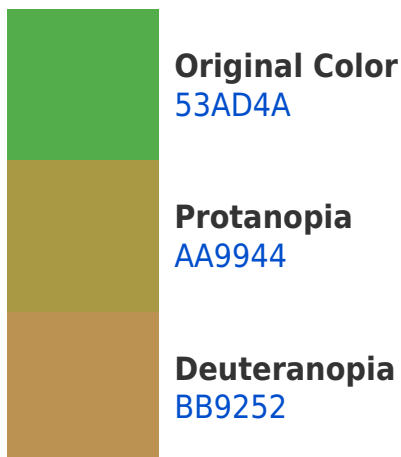


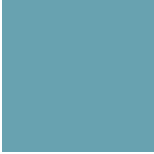
This preview shows how white text looks on a background with the Hex color 53AD4A.

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
68A2B0

Trichromacy



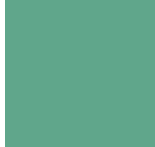
Original Color
53AD4A



Protanomaly
8AA046



Deuteranomaly
959C4F



Tritanomaly
60A68B

Monochromacy



Original Color
53AD4A



Achromatopsia
878787



Achromatomaly
749571

CSS Examples

Text

The CSS property to change the color of the text to Hex 53AD4A 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 #53AD4A looks like.

```
.text, #text, p{  
    color:#53AD4A  
}
```

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 #53AD4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AD4A
}
```

Border

The CSS property to change the border of an element to Hex 53AD4A 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
#53AD4A }
```

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

```
.border{ border-color:#53AD4A }
```

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

Here you see how a box with a 4 pixel #53AD4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AD4A; -webkit-box-shadow:4px 4px  
4px 4px #53AD4A; box-shadow:4px 4px 4px  
4px #53AD4A }
```

Background

The CSS property to change the background color of an element to Hex 53AD4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AD4A }
```

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

```
.background{ background-color:#53AD4A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor