

Converting Colors

Hex(53AB4E)

Have a look what the booklet for
Hex(53AB4E) contains.

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Color

Hex(53AB4E)

Conversions

Conversions Part 1

Format	Color
Hex	53AB4E
RGB	83, 171, 78
RGB Percent	33%, 67%, 31%
CMY	0.6745, 0.3294, 0.6941
CMYK	0.51, 0.00, 0.54, 0.33
HSL	117°, 37%, 49%
HSV	117°, 54%, 67%
XYZ	19.5053, 31.5149, 12.2627
YIQ	134.0860, -22.5950, -47.5790

Conversions

Conversions Part 2

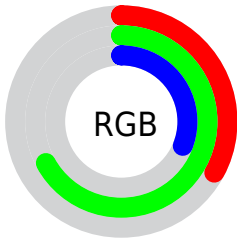
Format	Color
RYB	78, 171, 166
Decimal	5483342
CIELab	62.94, -45.34, 39.52
CIELCh	63, 60.142, 138.921
Yxy	31.5149, 0.3082, 0.4980
Android (android.graphics.Color)	4283673422 (0xFF53AB4E)
YUV	134.0860, -27.6504, -44.8024
Hunter-Lab	56.1381, -36.2214, 26.3455

Details

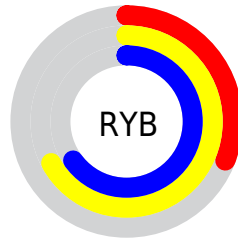
The Hex color **53AB4E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A64EAB**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8BE381**, and **12761C** is the 20% darker color. If you saturate the color by 10%, you get **43AB3D**, and if you desaturate by 10%, it is **63AB5F**.

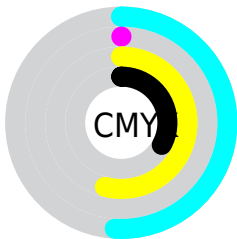
Distribution



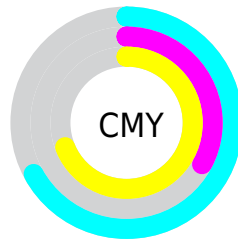
- Red (33%)
- Green (67%)
- Blue (31%)



- Red (31%)
- Yellow (67%)
- Blue (65%)



- Cyan (51%)
- Magenta (0%)
- Yellow (54%)
- Black (33%)



- Cyan (67%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AB4E 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 53AB4E by changing the saturation by 10% instead.

 53AB4E

 53AB4E


FFFFFF

 369035

 8BE381

 12761C

 A7FF9C

 005C00

 C4FFB7

 004400

 E1FFD3

 002D00

 FEFFF0

 001200

 000000

 53AB4E

 53AB4E

 43AB3D

 63AB5F

 33AB2C

 73AB70

 22AB1B

 84AB81

 12AB0A

 94AB92

 09AB00

 A4ABA3

 B4ABB5

 C4ABC6

 D4ABD7

 E5ABE8

Harmonies

Analogous

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



94A028



53AB4E



00B182

Triad

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



53AB4E



00A4FF



F96879

Complementary

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



53AB4E



A64EAB

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.



EF69AE



53AB4E



7492FE

Square

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



53AB4E



00AEE8



C57BDF



E97949

Rectangle

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



53AB4E



00B2A7



C57BDF



F9668A

Sweetspot

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



53AB4E



BCDEBA



ABA54E



5C705B



F0F0F0



707070

Same Dimension

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



53AB4E



55DE4E



4EAB76



4E574E



089600



011700

Inverse Universe

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



A64EAB



D64EDE



AB4E83



564E57



8E0096



160017

Previews

White Background



This preview shows how the Hex color 53AB4E looks on a white background.

Color Contrast Check

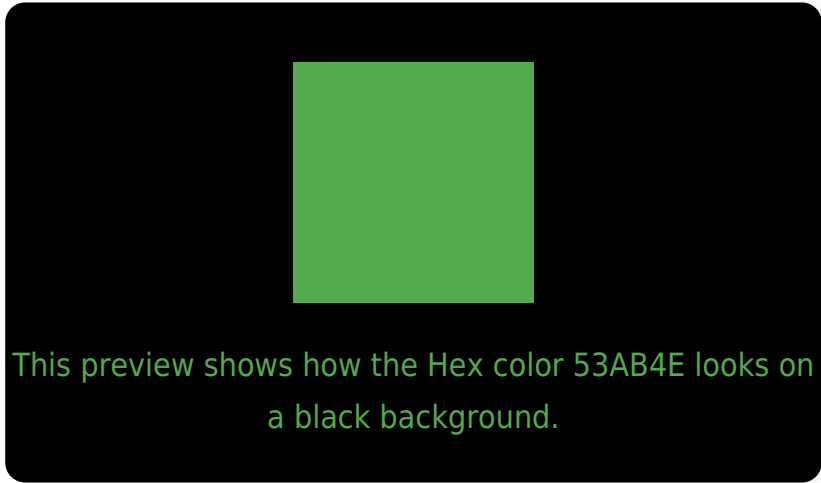
Large Text (above 18pt) WCAG AA × Fail

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

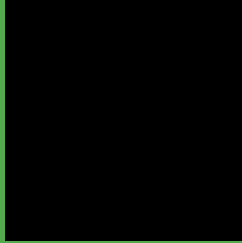
Any Text WCAG AA ✓ Pass

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 53AB4E Background



This preview shows how black text looks on a background with the Hex color 53AB4E.



This preview shows how white text looks on a background with the Hex color 53AB4E.

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
53AB4E

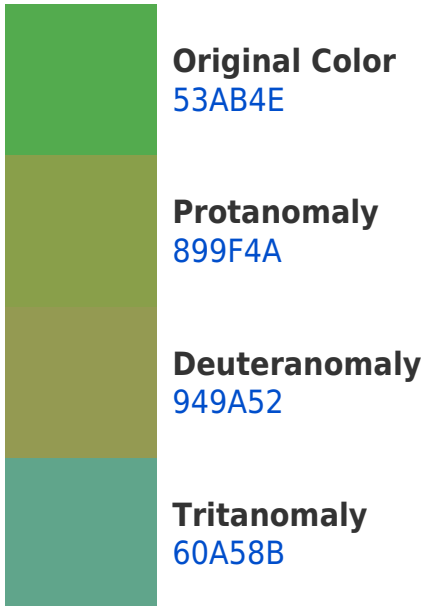
Protanopia
A89848

Deuteranopia
B99055

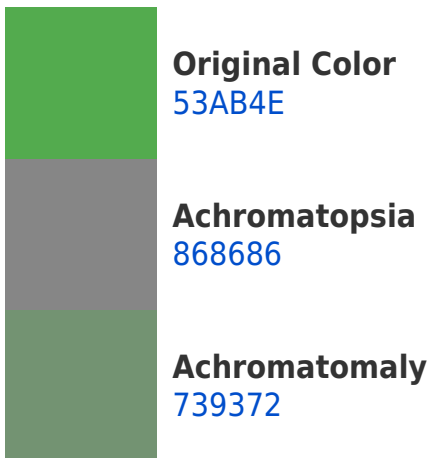


Tritanopia
67A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53AB4E 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 #53AB4E looks like.

```
.text, #text, p{  
    color:#53AB4E  
}
```

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 #53AB4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AB4E
}
```

Border

The CSS property to change the border of an element to Hex 53AB4E 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
#53AB4E }
```

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

```
.border{ border-color:#53AB4E }
```

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

Here you see how a box with a 4 pixel #53AB4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AB4E; -webkit-box-shadow:4px 4px  
4px 4px #53AB4E; box-shadow:4px 4px 4px  
4px #53AB4E }
```

Background

The CSS property to change the background color of an element to Hex 53AB4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AB4E }
```

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

```
.background{ background-color:#53AB4E }
```

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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