

Converting Colors

Hex(51A844)

Have a look what the booklet for
Hex(51A844) contains.

Hex(51A844)	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(51A844)

Conversions

Conversions Part 1

Format	Color
Hex	51A844
RGB	81, 168, 68
RGB Percent	32%, 66%, 27%
CMY	0.6824, 0.3412, 0.7333
CMYK	0.52, 0.00, 0.60, 0.34
HSL	112°, 42%, 46%
HSV	112°, 60%, 66%
XYZ	18.4394, 30.1719, 10.3208
YIQ	130.5870, -19.7520, -49.5440

Conversions

Conversions Part 2

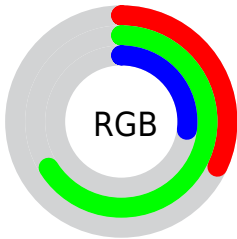
Format	Color
RYB	68, 168, 155
Decimal	5351492
CIELab	61.80, -45.91, 42.95
CIELCh	62, 62.866, 136.904
Yxy	30.1719, 0.3129, 0.5120
Android (android.graphics.Color)	4283541572 (0xFF51A844)
YUV	130.5870, -30.8554, -43.4878
Hunter-Lab	54.9290, -36.2043, 27.3101

Details

The Hex color **51A844** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9B44A8**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **89E077**, and **0E730E** is the 20% darker color. If you saturate the color by 10%, you get **42A833**, and if you desaturate by 10%, it is **60A855**.

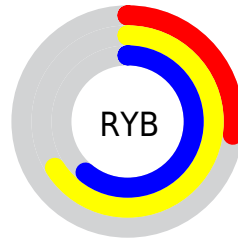
Distribution



Red (32%)

Green (66%)

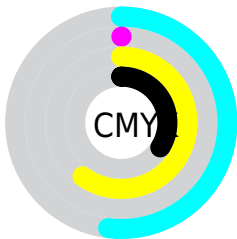
Blue (27%)



Red (27%)

Yellow (66%)

Blue (61%)

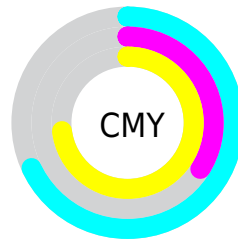


Cyan (52%)

Magenta (0%)

Yellow (60%)

Black (34%)



Cyan (68%)

Magenta (34%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51A844 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 51A844 by changing the saturation by 10% instead.



51A844



51A844

FFFFFF



348D2B



89E077



0E730E



A5FD92



005A00



C2FFAD



004100



DFFFC9



002B00



FDFFE6



000C00



000000



51A844



51A844



42A833



60A855

 34A822

 6EA866

 25A812

 7DA876

 17A801

 8BA887

 16A800

 9AA898

 A9A8A9

 B7A8BA

 C6A8CA

 D5A8DB

Harmonies

Analogous

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



949C1A



51A844



00AE7A

Triad

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



51A844



00A3FF



FA6178

Complementary

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



51A844



9B44A8

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.



EE63B0



51A844



6491FF

Square

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



51A844



00ACE6



C078E2



EA7345

Rectangle

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



51A844



00B0A1



C078E2



F95F8B

Sweetspot

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



51A844



B9DBB4



A89B44



596E56



EDEDED



6E6E6E

Same Dimension

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



51A844



54DB40



44A869



4D544C



139400



031400

Inverse Universe

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



9B44A8



C740DB



A84483



534C54



810094



120014

Previews

White Background



This preview shows how the Hex color 51A844 looks on a white background.

Color Contrast Check

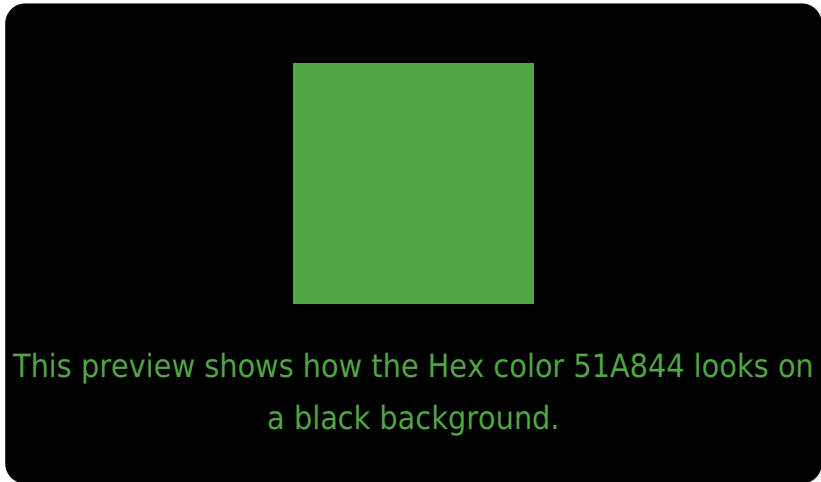
Large Text (above 18pt) WCAG AA × Fail

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

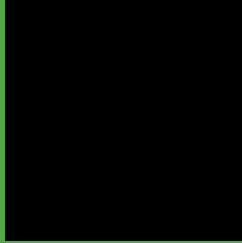
Any Text WCAG AA ✓ Pass

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 51A844 Background



This preview shows how black text looks on a background with the Hex color 51A844.

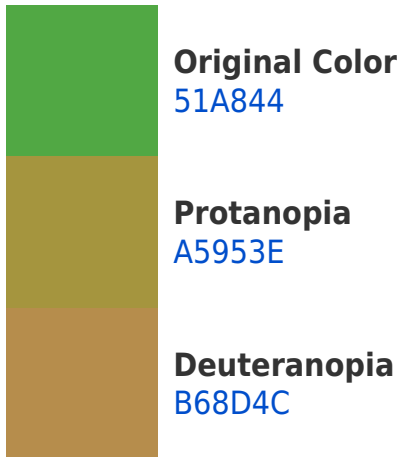


This preview shows how white text looks on a background with the Hex color 51A844.

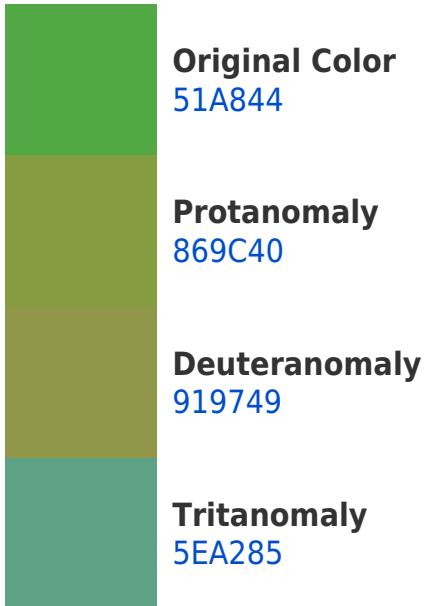
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51A844 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 #51A844 looks like.

```
.text, #text, p{  
    color:#51A844  
}
```

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 #51A844 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A844
}
```

Border

The CSS property to change the border of an element to Hex 51A844 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
#51A844 }
```

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

```
.border{ border-color:#51A844 }
```

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

Here you see how a box with a 4 pixel #51A844 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A844; -webkit-box-shadow:4px 4px  
4px 4px #51A844; box-shadow:4px 4px 4px  
4px #51A844 }
```

Background

The CSS property to change the background color of an element to Hex 51A844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A844 }
```

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

```
.background{ background-color:#51A844 }
```

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