

Converting Colors

Hex(58AD4A)

Have a look what the booklet for
Hex(58AD4A) contains.

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Color

Hex(58AD4A)

Conversions

Conversions Part 1

Format	Color
Hex	58AD4A
RGB	88, 173, 74
RGB Percent	35%, 68%, 29%
CMY	0.6549, 0.3216, 0.7098
CMYK	0.49, 0.00, 0.57, 0.32
HSL	112°, 40%, 48%
HSV	112°, 57%, 68%
XYZ	20.2041, 32.4563, 11.6784
YIQ	136.2990, -18.8810, -48.8090

Conversions

Conversions Part 2

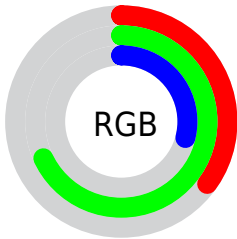
Format	Color
RYB	74, 173, 159
Decimal	5811530
CIELab	63.72, -45.21, 42.42
CIELCh	64, 61.995, 136.823
Yxy	32.4563, 0.3140, 0.5045
Android (android.graphics.Color)	4284001610 (0xFF58AD4A)
YUV	136.2990, -30.7134, -42.3582
Hunter-Lab	56.9704, -36.3946, 27.7254

Details

The Hex color **58AD4A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9F4AAD**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **90E57E**, and **1A7816** is the 20% darker color. If you saturate the color by 10%, you get **49AD39**, and if you desaturate by 10%, it is **67AD5B**.

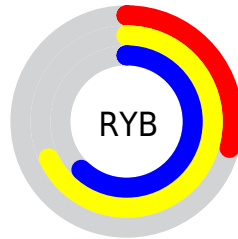
Distribution



Red (35%)

Green (68%)

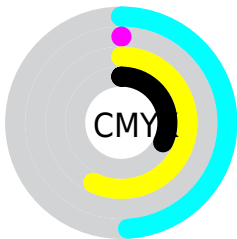
Blue (29%)



Red (29%)

Yellow (68%)

Blue (62%)

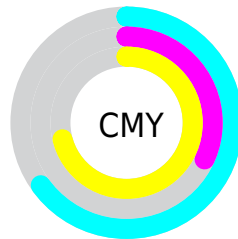


Cyan (49%)

Magenta (0%)

Yellow (57%)

Black (32%)



Cyan (65%)

Magenta (32%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58AD4A 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 58AD4A by changing the saturation by 10% instead.

 58AD4A

 58AD4A

FFFFFF

 3B9231

 90E57E

 1A7816

 ACFF98

 005E00

 C9FFB4

 004600

 E6FFD0

 002F00

 FFFFEC

 001500

 000000

 58AD4A

 58AD4A

 49AD39

 67AD5B

 3AAD27


 76AD6D

 2BAD16

 85AD7E

 1DAD05

 93AD8F

 18AD00

 A2ADA1

 B1ADB2

 C0ADC3

 CFADD4

 DEADE6

Harmonies

Analogous

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



99A123



58AD4A



00B37F

Triad

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



58AD4A



00A8FF



FF677E

Complementary

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



58AD4A



9F4AAD

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.



F26AB5



58AD4A



6C96FF

Square

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



58AD4A



00B1EA



C47EE7



EF784B

Rectangle

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



58AD4A



00B5A6



C47EE7



FE6590

Sweetspot

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



58AD4A



C0E0BA



AD9E4A



5D705A



F0F0F0



707070

Same Dimension

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



58AD4A



5BE046



4AAD6D



4F574E



159600



031700

Inverse Universe

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



9F4AAD



CB46E0



AD4A8A



554E57



810096



140017

Previews

White Background



This preview shows how the Hex color 58AD4A looks on a white background.

Color Contrast Check

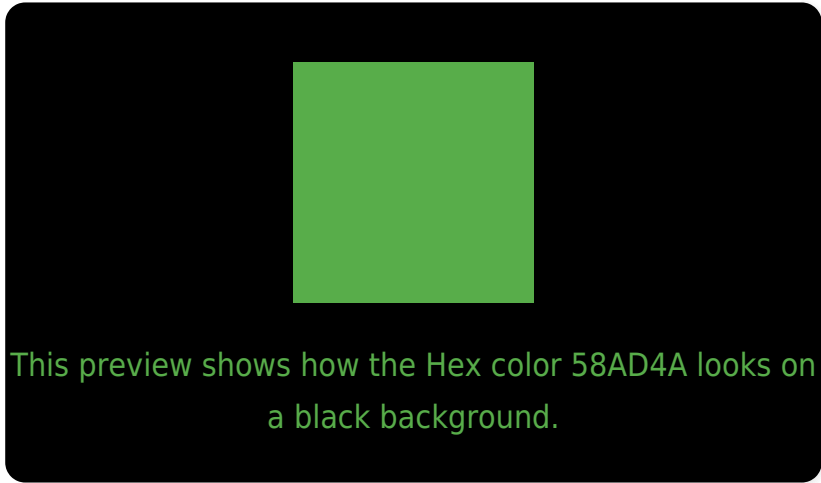
Large Text (above 18pt) WCAG AA × Fail

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

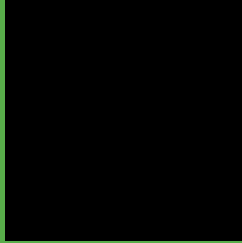
Any Text WCAG AA ✓ Pass

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 58AD4A Background



This preview shows how black text looks on a background with the Hex color 58AD4A.



This preview shows how white text looks on a background with the Hex color 58AD4A.

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
58AD4A

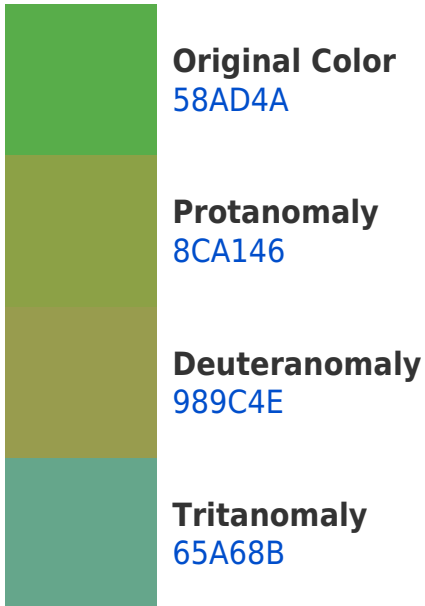
Protanopia
AA9A44

Deuteranopia
BC9251

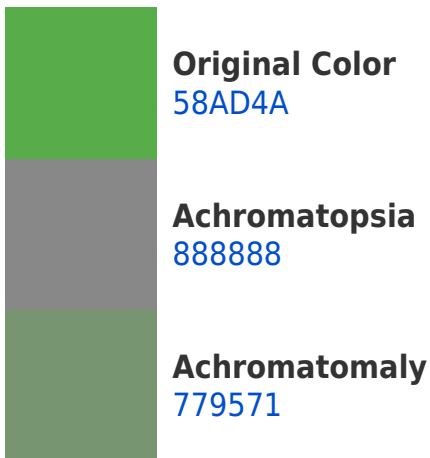


Tritanopia
6CA2B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58AD4A 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 #58AD4A looks like.

```
.text, #text, p{  
    color:#58AD4A  
}
```

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 #58AD4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58AD4A
}
```

Border

The CSS property to change the border of an element to Hex 58AD4A 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
#58AD4A }
```

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

```
.border{ border-color:#58AD4A }
```

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

Here you see how a box with a 4 pixel #58AD4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58AD4A; -webkit-box-shadow:4px 4px  
4px 4px #58AD4A; box-shadow:4px 4px 4px  
4px #58AD4A }
```

Background

The CSS property to change the background color of an element to Hex 58AD4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58AD4A }
```

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

```
.background{ background-color:#58AD4A }
```

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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