

Converting Colors

Hex(58BD3C)

Have a look what the booklet for
Hex(58BD3C) contains.

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Color

Hex(58BD3C)

Conversions

Conversions Part 1

Format	Color
Hex	58BD3C
RGB	88, 189, 60
RGB Percent	35%, 74%, 24%
CMY	0.6549, 0.2588, 0.7647
CMYK	0.53, 0.00, 0.68, 0.26
HSL	107°, 52%, 49%
HSV	107°, 68%, 74%
XYZ	23.0377, 38.7961, 10.5492
YIQ	144.0950, -18.7870, -61.5310

Conversions

Conversions Part 2

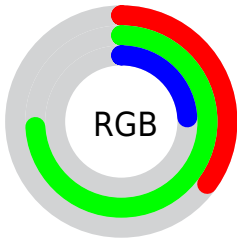
Format	Color
RYB	60, 189, 161
Decimal	5815612
CIELab	68.60, -52.92, 54.01
CIElCh	69, 75.616, 134.417
Yxy	38.7961, 0.3183, 0.5360
Android (android.graphics.Color)	4284005692 (0xFF58BD3C)
YUV	144.0950, -41.4588, -49.1953
Hunter-Lab	62.2866, -42.9803, 33.5589

Details

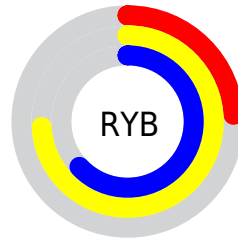
The Hex color **58BD3C** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **A13CBD**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **92F672**, and **0E8700** is the 20% darker color. If you saturate the color by 10%, you get **49BD29**, and if you desaturate by 10%, it is **67BD4F**.

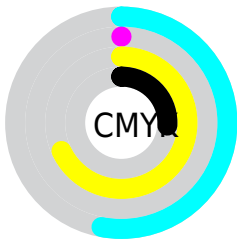
Distribution



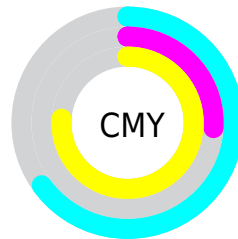
- Red (35%)
- Green (74%)
- Blue (24%)



- Red (24%)
- Yellow (74%)
- Blue (63%)



- Cyan (53%)
- Magenta (0%)
- Yellow (68%)
- Black (26%)



- Cyan (65%)
- Magenta (26%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58BD3C 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 58BD3C by changing the saturation by 10% instead.

 58BD3C

 58BD3C

FFFFFF

 39A11F

 92F672

 0E8700

 AFFF8D

 006C00

 CDFFA8

 005300

 EBFFC5

 003B00

 FFFFE1

 002400

 000000

 58BD3C

 58BD3C

 49BD29

 67BD4F

 3ABD16

 76BD62

 2CBD03

 84BD75

 29BD00

 93BD88

 A2BD9B

 B1BDAD

 C0BDC0

 CEBDD3

 DDBDE6

Harmonies

Analogous

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



A9AE00



58BD3C



00C580

Triad

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



58BD3C



00B9FF



FF6189

Complementary

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



58BD3C



A13CBD

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.



FF67CE



58BD3C



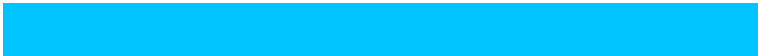
50A4FF

Square

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



58BD3C



00C4FF



D485FF



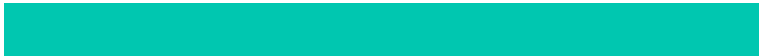
FF7949

Rectangle

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



58BD3C



00C7B0



D485FF



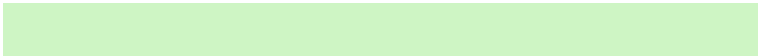
FF5FA0

Sweetspot

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



58BD3C



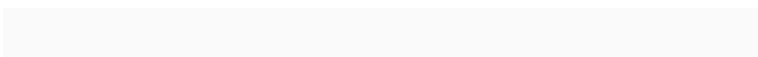
CEF5C4



BD9F3C



637A5D



FAFAFA



7A7A7A

Same Dimension

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



58BD3C



58F52C



3CBD5E



575E55



229E00



071F00

Inverse Universe

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



A13CBD



C92CF5



BD3C9B



5C555E



7C009E



18001F

Previews

White Background



This preview shows how the Hex color 58BD3C looks on a white background.

Color Contrast Check

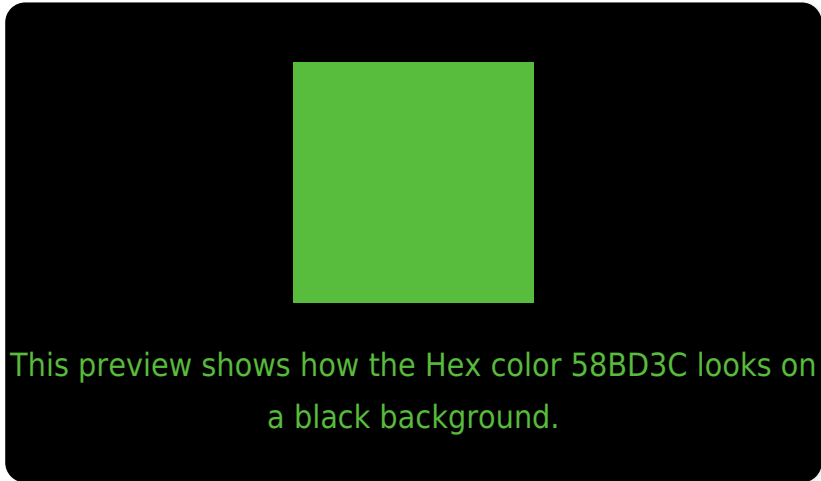
Large Text (above 18pt) WCAG AA × Fail

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 58BD3C Background



This preview shows how black text looks on a background with the Hex color 58BD3C.



This preview shows how white text looks on a background with the Hex color 58BD3C.

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
58BD3C

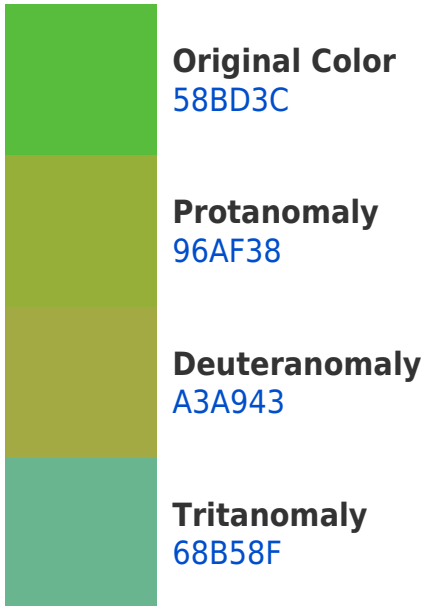
Protanopia
BAA736

Deuteranopia
CE9E47

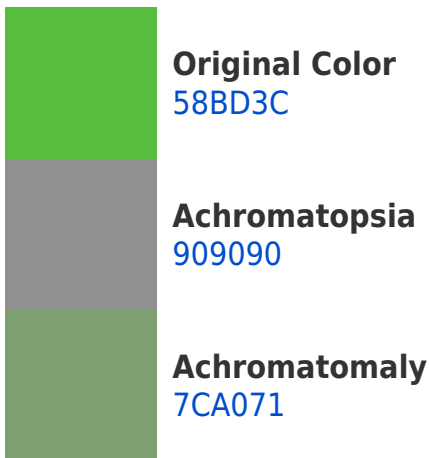


Tritanopia
71B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58BD3C 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 #58BD3C looks like.

```
.text, #text, p{  
    color:#58BD3C  
}
```

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 #58BD3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58BD3C
}
```

Border

The CSS property to change the border of an element to Hex 58BD3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

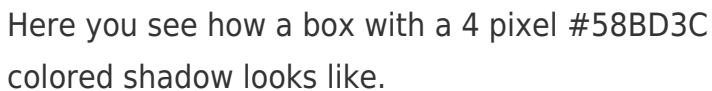
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58BD3C }
```

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

```
.border{ border-color:#58BD3C }
```

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



Here you see how a box with a 4 pixel #58BD3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58BD3C; -webkit-box-shadow:4px 4px  
4px 4px #58BD3C; box-shadow:4px 4px 4px  
4px #58BD3C }
```

Background

The CSS property to change the background color of an element to Hex 58BD3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58BD3C }
```

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

```
.background{ background-color:#58BD3C }
```

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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