

Converting Colors

Hex(53B858)

Have a look what the booklet for
Hex(53B858) contains.

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Color

Hex(53B858)

Conversions

Conversions Part 1

Format	Color
Hex	53B858
RGB	83, 184, 88
RGB Percent	33%, 72%, 35%
CMY	0.6745, 0.2784, 0.6549
CMYK	0.55, 0.00, 0.52, 0.28
HSL	123°, 42%, 52%
HSV	123°, 55%, 72%
XYZ	22.4692, 36.8246, 15.1561
YIQ	142.8570, -29.3800, -51.2680

Conversions

Conversions Part 2

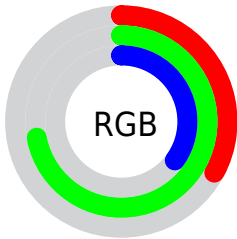
Format	Color
RYB	83, 179, 184
Decimal	5486680
CIELab	67.15, -49.22, 39.70
CIELCh	67, 63.239, 141.110
Yxy	36.8246, 0.3018, 0.4946
Android (android.graphics.Color)	4283676760 (0xFF53B858)
YUV	142.8570, -27.0445, -52.4946
Hunter-Lab	60.6832, -40.1024, 27.6701

Details

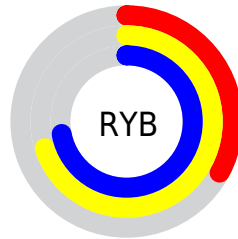
The Hex color **53B858** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B853B3**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8CF18C**, and **098226** is the 20% darker color. If you saturate the color by 10%, you get **41B847**, and if you desaturate by 10%, it is **65B869**.

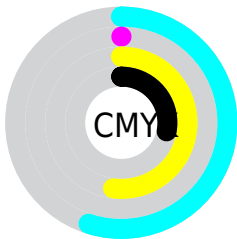
Distribution



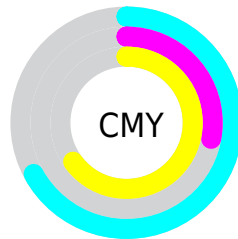
- Red (33%)
- Green (72%)
- Blue (35%)



- Red (33%)
- Yellow (70%)
- Blue (72%)



- Cyan (55%)
- Magenta (0%)
- Yellow (52%)
- Black (28%)



- Cyan (67%)
- Magenta (28%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B858 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 53B858 by changing the saturation by 10% instead.

 53B858

 53B858

FFFFFF

 349D3F

 8CF18C

 098226

 A9FFA7

 00680A

 C6FFC3

 004F00

 E3FFDF

 003700

 FFFFFC

 002100

 000000

 53B858

 53B858

 41B847

 65B869

 2EB835

 78B87B

 1CB824

 8AB88C

 09B812

 9DB89E

 00B809

 AFB8AF

 C1B8C1

 D4B8D2

 E6B8E4

 F9B8F5

Harmonies

Analogous

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



9AAD2E



53B858



00BE90

Triad

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



53B858



00AFFF



FF717E

Complementary

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



53B858



B853B3

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.



FF70B7



53B858



859BFF

Square

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



53B858



00BAFB



D883EC



F7844C

Rectangle

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



53B858



00BFB8



D883EC



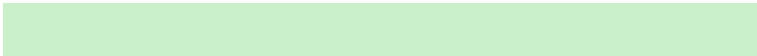
FF6E90

Sweetspot

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



53B858



C9F0CB



B5B853



617862



F7F7F7



787878

Same Dimension

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



53B858



51F059



53B889



535C53



009C08



001C01

Inverse Universe

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



B853B3



F051E8



B85382



5C535B



9C0094



1C001B

Previews

White Background



This preview shows how the Hex color 53B858 looks on a white background.

Color Contrast Check

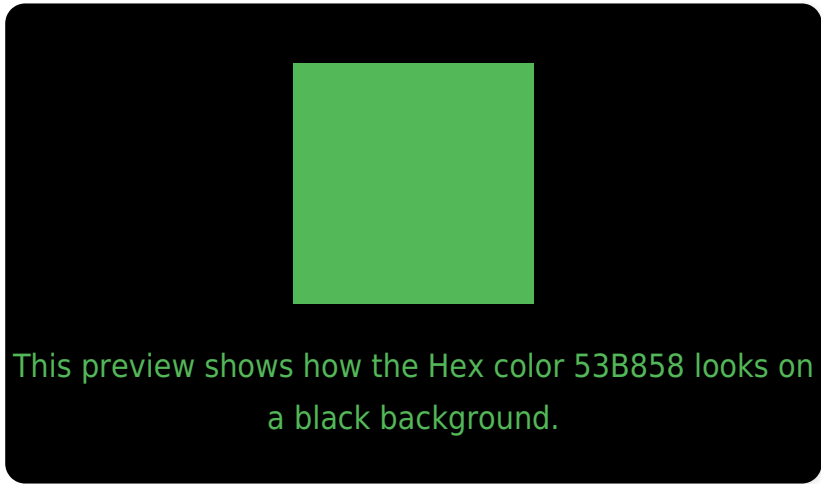
Large Text (above 18pt) WCAG AA × Fail

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

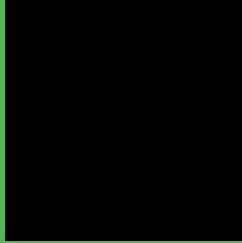
Any Text WCAG AA ✓ Pass

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 53B858 Background



This preview shows how black text looks on a background with the Hex color 53B858.



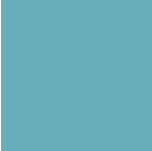
This preview shows how white text looks on a background with the Hex color 53B858.

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](#).

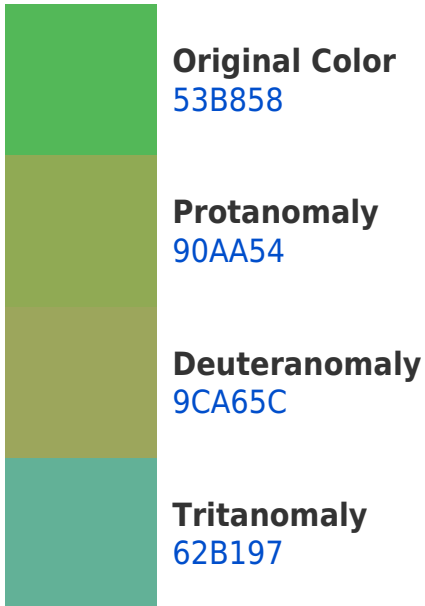
Dichromacy



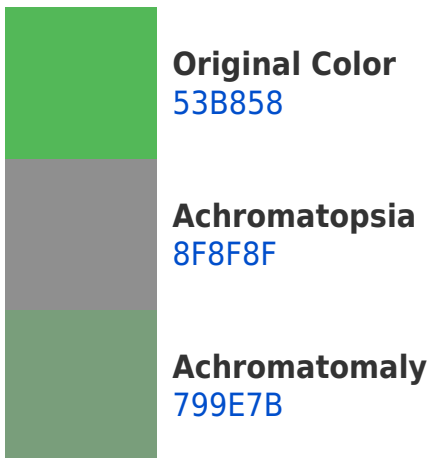


Tritanopia
6AADB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53B858 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 #53B858 looks like.

```
.text, #text, p{  
    color:#53B858  
}
```

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 #53B858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B858
}
```

Border

The CSS property to change the border of an element to Hex 53B858 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
#53B858 }
```

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

```
.border{ border-color:#53B858 }
```

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

Here you see how a box with a 4 pixel #53B858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B858; -webkit-box-shadow:4px 4px  
4px 4px #53B858; box-shadow:4px 4px 4px  
4px #53B858 }
```

Background

The CSS property to change the background color of an element to Hex 53B858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B858 }
```

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

```
.background{ background-color:#53B858 }
```

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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