

Converting Colors

Hex(53B933)

Have a look what the booklet for
Hex(53B933) contains.

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Color

Hex(53B933)

Conversions

Conversions Part 1

Format	Color
Hex	53B933
RGB	83, 185, 51
RGB Percent	33%, 73%, 20%
CMY	0.6745, 0.2745, 0.8000
CMYK	0.55, 0.00, 0.72, 0.27
HSL	106°, 57%, 46%
HSV	106°, 72%, 73%
XYZ	21.5138, 36.7759, 9.0965
YIQ	139.2260, -17.7780, -63.2980

Conversions

Conversions Part 2

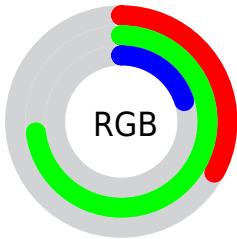
Format	Color
RYB	51, 185, 153
Decimal	5486899
CIELab	67.11, -53.51, 55.86
CIELCh	67, 77.353, 133.770
Yxy	36.7759, 0.3193, 0.5457
Android (android.graphics.Color)	4283676979 (0xFF53B933)
YUV	139.2260, -43.4954, -49.3102
Hunter-Lab	60.6432, -42.8009, 33.5567

Details

The Hex color **53B933** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9933B9**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8EF26A**, and **008300** is the 20% darker color. If you saturate the color by 10%, you get **45B921**, and if you desaturate by 10%, it is **61B946**.

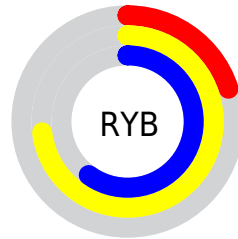
Distribution



Red (33%)

Green (73%)

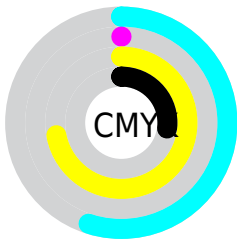
Blue (20%)



Red (20%)

Yellow (73%)

Blue (60%)

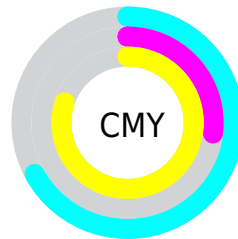


Cyan (55%)

Magenta (0%)

Yellow (72%)

Black (27%)



Cyan (67%)

Magenta (27%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B933 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 53B933 by changing the saturation by 10% instead.

 53B933

 53B933


FFFFFF

 339E12

 8EF26A

 008300

 ABFF85

 006900

 C8FFA0

 005000

 E6FFBC

 003700

 FFFFD9

 002000

 FFFFF6

 000000

 53B933

 53B933

 45B921

 61B946

 37B90E

 6FB958

 2CB900

 7DB96B

 8BB97D

 99B990

 A7B9A2

 B6B9B5

 C4B9C7

 D2B9DA

Harmonies

Analogous

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



A6AA00



53B933



00C17A

Triad

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



53B933



00B6FF



FF5A86

Complementary

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



53B933



9933B9

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.



FF61CC



53B933



3BA1FF

Square

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



53B933



00C0FF



CE81FF



FF7345

Rectangle

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



53B933



00C3AA



CE81FF



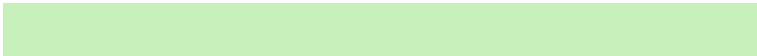
FF589E

Sweetspot

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



53B933



C8F0BB



B99833



607859



F7F7F7



787878

Same Dimension

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



53B933



51F01F



33B955



555C53



259C00



071C00

Inverse Universe

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



9933B9



BE1FF0



B93398



5A535C



76009C



15001C

Previews

White Background



This preview shows how the Hex color 53B933 looks on a white background.

Color Contrast Check

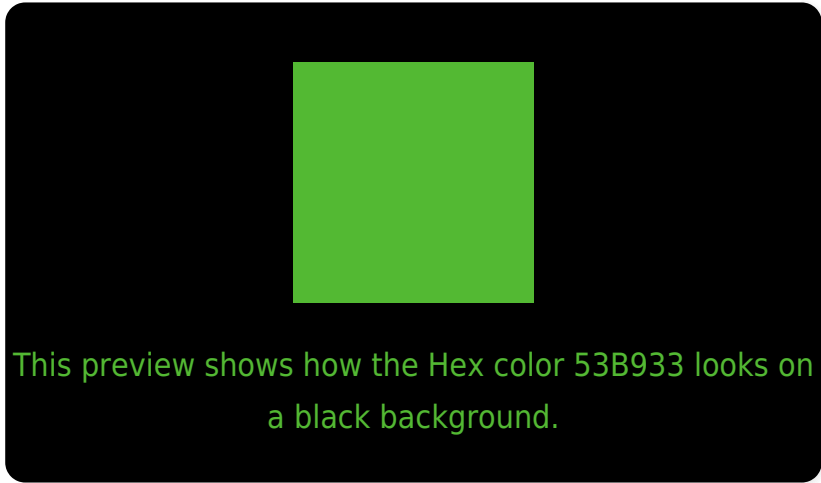
Large Text (above 18pt) WCAG AA × Fail

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

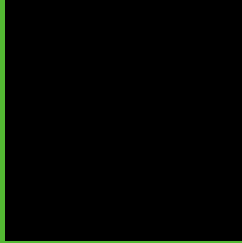
Any Text WCAG AA ✓ Pass

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 53B933 Background



This preview shows how black text looks on a background with the Hex color 53B933.

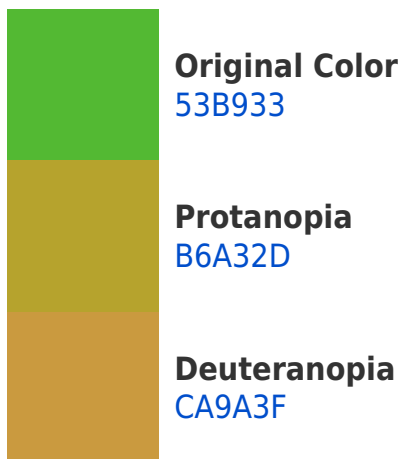


This preview shows how white text looks on a background with the Hex color 53B933.

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



Original Color
53B933



Protanomaly
92AB2F



Deuteranomaly
9FA53B



Tritanomaly
64B18A

Monochromacy



Original Color
53B933



Achromatopsia
8B8B8B



Achromatomaly
779C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 53B933 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 #53B933 looks like.

```
.text, #text, p{  
    color:#53B933  
}
```

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 #53B933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B933
}
```

Border

The CSS property to change the border of an element to Hex 53B933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

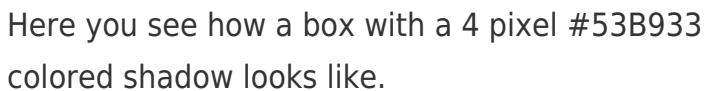
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53B933 }
```

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

```
.border{ border-color:#53B933 }
```

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



Here you see how a box with a 4 pixel #53B933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B933; -webkit-box-shadow:4px 4px  
4px 4px #53B933; box-shadow:4px 4px 4px  
4px #53B933 }
```

Background

The CSS property to change the background color of an element to Hex 53B933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B933 }
```

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

```
.background{ background-color:#53B933 }
```

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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