

Converting Colors

Hex(53AB59)

Have a look what the booklet for
Hex(53AB59) contains.

Hex(53AB59)	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(53AB59)

Conversions

Conversions Part 1

Format	Color
Hex	53AB59
RGB	83, 171, 89
RGB Percent	33%, 67%, 35%
CMY	0.6745, 0.3294, 0.6510
CMYK	0.51, 0.00, 0.48, 0.33
HSL	124°, 35%, 50%
HSV	124°, 51%, 67%
XYZ	19.9334, 31.6861, 14.5166
YIQ	135.3400, -26.1260, -44.1580

Conversions

Conversions Part 2

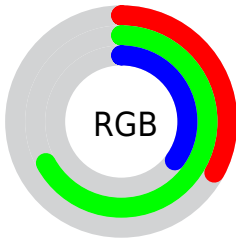
Format	Color
RYB	83, 165, 171
Decimal	5483353
CIELab	63.08, -43.81, 34.18
CIELCh	63, 55.563, 142.041
Yxy	31.6861, 0.3014, 0.4791
Android (android.graphics.Color)	4283673433 (0xFF53AB59)
YUV	135.3400, -22.8456, -45.9022
Hunter-Lab	56.2904, -35.2984, 24.1131

Details

The Hex color **53AB59** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AB53A5**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8BE38C**, and **147628** is the 20% darker color. If you saturate the color by 10%, you get **42AB49**, and if you desaturate by 10%, it is **64AB69**.

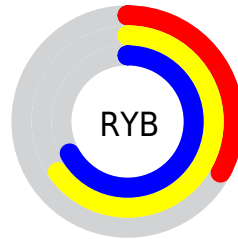
Distribution



Red (33%)

Green (67%)

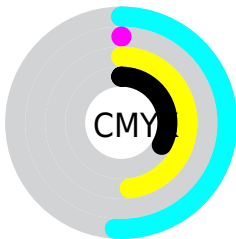
Blue (35%)



Red (33%)

Yellow (65%)

Blue (67%)

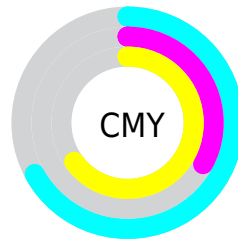


Cyan (51%)

Magenta (0%)

Yellow (48%)

Black (33%)



Cyan (67%)

Magenta (33%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53AB59 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 53AB59 by changing the saturation by 10% instead.

 53AB59

 53AB59

FFFFFF

 369040

 8BE38C

 147628

 A7FFA7

 005C10

 C3FFC3

 004400

 E0FFDF

 002D00

 FEFFFC

 001300

 000000

 53AB59

 53AB59

 42AB49

 64AB69

 31AB39

 75AB79

 20AB29

 86AB89

 0FAB19

 97AB99

 00AB0C

 A8ABA9

 BAABB9

 CBABC9

 DCABD8

 EDABE8

Harmonies

Analogous

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



90A136



53AB59



00B089

Triad

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



53AB59



00A2FA



F36F76

Complementary

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



53AB59



AB53A5

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.



EC6DA8



53AB59



8491F5

Square

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



53AB59



00ACE6



C87CD6



E27E4C

Rectangle

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



53AB59



00B1AC



C87CD6



F46C87

Sweetspot

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



53AB59



BDDEBF



A5AB53



5C705D



F0F0F0



707070

Same Dimension

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



53AB59



54DE5E



53AB85



4E574F



00960A



001702

Inverse Universe

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



AB53A5



DE54D4



AB5379



574E56



96008C



170015

Previews

White Background



This preview shows how the Hex color 53AB59 looks on a white background.

Color Contrast Check

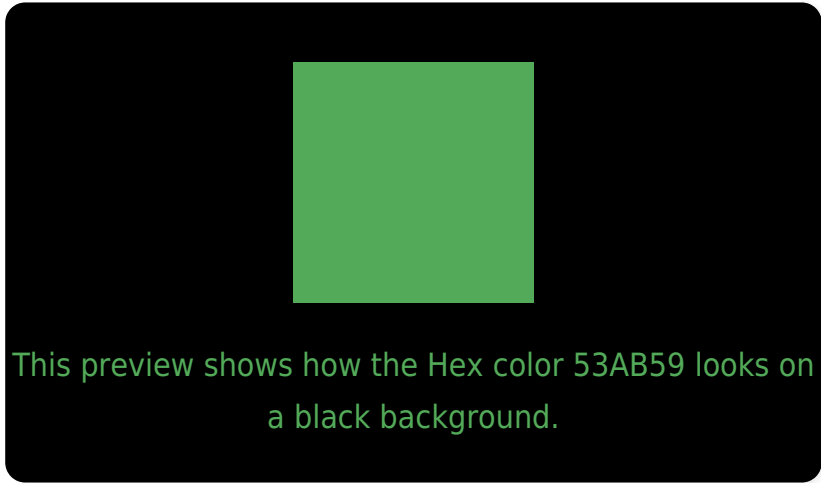
Large Text (above 18pt) WCAG AA × Fail

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

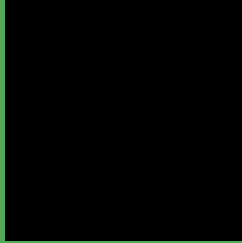
Any Text WCAG AA ✓ Pass

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 53AB59 Background



This preview shows how black text looks on a background with the Hex color 53AB59.



This preview shows how white text looks on a background with the Hex color 53AB59.

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
53AB59

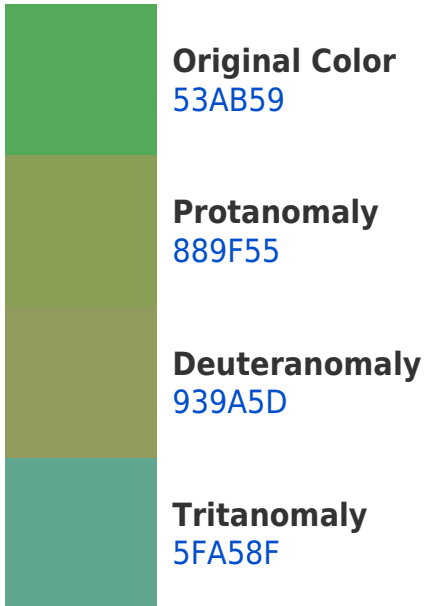
Protanopia
A79852

Deuteranopia
B7915F



Tritanopia
66A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53AB59 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 #53AB59 looks like.

```
.text, #text, p{  
    color:#53AB59  
}
```

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 #53AB59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53AB59
}
```

Border

The CSS property to change the border of an element to Hex 53AB59 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
#53AB59 }
```

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

```
.border{ border-color:#53AB59 }
```

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

Here you see how a box with a 4 pixel #53AB59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53AB59; -webkit-box-shadow:4px 4px  
4px 4px #53AB59; box-shadow:4px 4px 4px  
4px #53AB59 }
```

Background

The CSS property to change the background color of an element to Hex 53AB59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53AB59 }
```

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

```
.background{ background-color:#53AB59 }
```

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