

Converting Colors

Hex(53B23E)

Have a look what the booklet for
Hex(53B23E) contains.

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Color

Hex(53B23E)

Conversions

Conversions Part 1

Format	Color
Hex	53B23E
RGB	83, 178, 62
RGB Percent	33%, 70%, 24%
CMY	0.6745, 0.3020, 0.7569
CMYK	0.53, 0.00, 0.65, 0.30
HSL	109°, 48%, 47%
HSV	109°, 65%, 70%
XYZ	20.3572, 34.0276, 10.0525
YIQ	136.3710, -19.3840, -56.2160

Conversions

Conversions Part 2

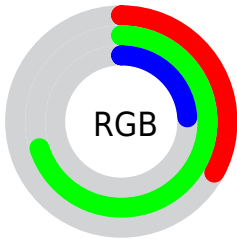
Format	Color
RYB	62, 178, 157
Decimal	5485118
CIELab	64.98, -49.92, 49.24
CIELCh	65, 70.112, 135.393
Yxy	34.0276, 0.3159, 0.5281
Android (android.graphics.Color)	4283675198 (0xFF53B23E)
YUV	136.3710, -36.6649, -46.8064
Hunter-Lab	58.3332, -39.7899, 30.6159

Details

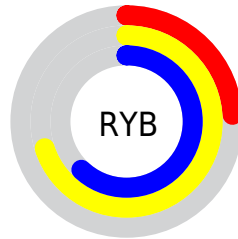
The Hex color **53B23E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9D3EB2**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8CEB72**, and **097C00** is the 20% darker color. If you saturate the color by 10%, you get **44B22C**, and if you desaturate by 10%, it is **62B250**.

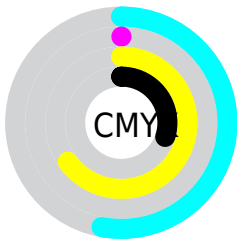
Distribution



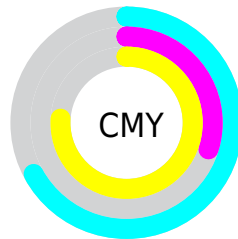
- Red (33%)
- Green (70%)
- Blue (24%)



- Red (24%)
- Yellow (70%)
- Blue (62%)



- Cyan (53%)
- Magenta (0%)
- Yellow (65%)
- Black (30%)



- Cyan (67%)
- Magenta (30%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53B23E 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 53B23E by changing the saturation by 10% instead.



53B23E



53B23E

FFFFFF



349723



8CEB72



097C00



A9FF8D



006300



C6FFA9



004A00



E4FFC5



003200



FFFFE1



001A00

FFFFFFE



000000



53B23E



53B23E



44B22C



62B250

 36B21A

 70B262

 27B209

 7FB273

 20B200

 8DB285

 9CB297

 AAB2A9

 B9B2BB

 C8B2CC

 D6B2DE

Harmonies

Analogous

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



9EA500



53B23E



00B97C

Triad

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



53B23E



00AEFF



FF5F80

Complementary

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



53B23E



9D3EB2

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.



FF64BF



53B23E



589AFF

Square

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



53B23E



00B8F6



C97EF7



FD7546

Rectangle

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



53B23E



00BBA8



C97EF7



FF5D95

Sweetspot

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



53B23E



C2E8BA



B29D3E



5E7559



F5F5F5



757575

Same Dimension

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



53B23E



54E833



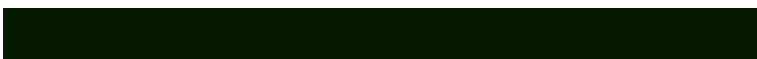
3EB263



525950



1C9900



051A00

Inverse Universe

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



9D3EB2



C733E8



B23E8D



585059



7D0099



15001A

Previews

White Background



This preview shows how the Hex color 53B23E looks on a white background.

Color Contrast Check

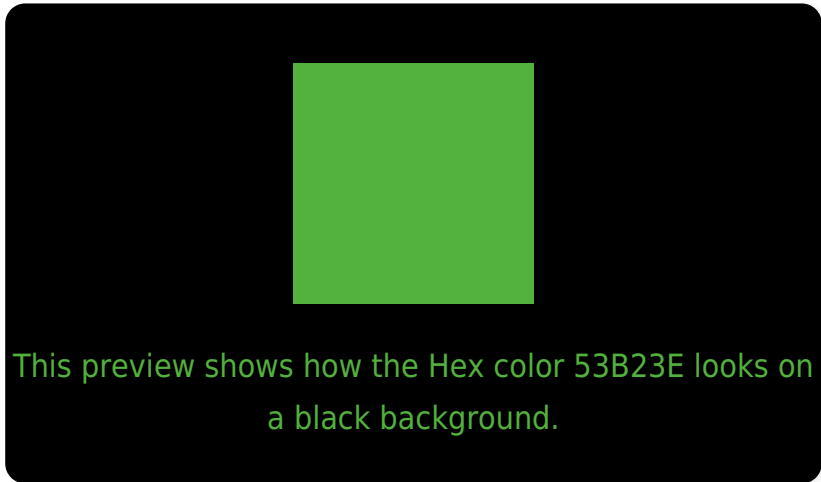
Large Text (above 18pt) WCAG AA × Fail

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 53B23E Background



This preview shows how black text looks on a background with the Hex color 53B23E.

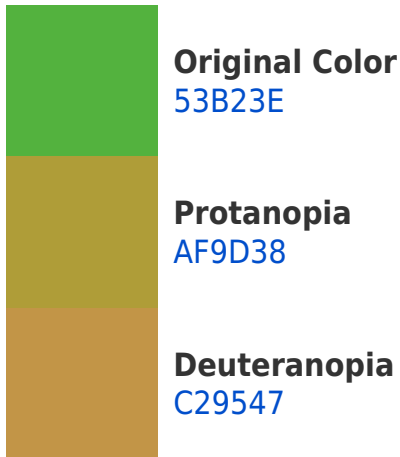


This preview shows how white text looks on a background with the Hex color 53B23E.

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
6AA7B4

Trichromacy



Original Color
53B23E



Protanomaly
8EA53A



Deuteranomaly
9AA044



Tritanomaly
62AB89

Monochromacy



Original Color
53B23E



Achromatopsia
888888



Achromatomaly
75976D

CSS Examples

Text

The CSS property to change the color of the text to Hex 53B23E 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 #53B23E looks like.

```
.text, #text, p{  
    color:#53B23E  
}
```

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 #53B23E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53B23E
}
```

Border

The CSS property to change the border of an element to Hex 53B23E 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
#53B23E }
```

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

```
.border{ border-color:#53B23E }
```

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

Here you see how a box with a 4 pixel #53B23E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53B23E; -webkit-box-shadow:4px 4px  
4px 4px #53B23E; box-shadow:4px 4px 4px  
4px #53B23E }
```

Background

The CSS property to change the background color of an element to Hex 53B23E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53B23E }
```

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

```
.background{ background-color:#53B23E }
```

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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