

Converting Colors

Hex(39B53B)

Have a look what the booklet for
Hex(39B53B) contains.

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Color

Hex(39B53B)

Conversions

Conversions Part 1

Format	Color
Hex	39B53B
RGB	57, 181, 59
RGB Percent	22%, 71%, 23%
CMY	0.7765, 0.2902, 0.7686
CMYK	0.69, 0.00, 0.67, 0.29
HSL	121°, 52%, 47%
HSV	121°, 69%, 71%
XYZ	19.0006, 34.2334, 9.7439
YIQ	130.0160, -34.7420, -64.2300

Conversions

Conversions Part 2

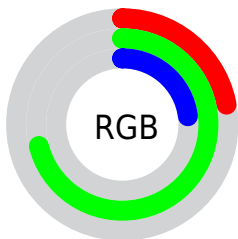
Format	Color
RYB	57, 179, 181
Decimal	3781947
CIELab	65.15, -57.42, 50.45
CIELCh	65, 76.433, 138.695
Yxy	34.2334, 0.3017, 0.5436
Android (android.graphics.Color)	4281972027 (0xFF39B53B)
YUV	130.0160, -35.0109, -64.0350
Hunter-Lab	58.5093, -44.4242, 31.0825

Details

The Hex color **39B53B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B539B3**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **78EE70**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **27B529**, and if you desaturate by 10%, it is **4BB54D**.

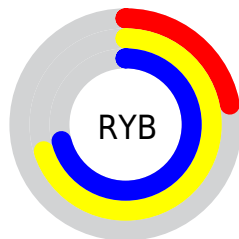
Distribution



Red (22%)

Green (71%)

Blue (23%)



Red (22%)

Yellow (70%)

Blue (71%)

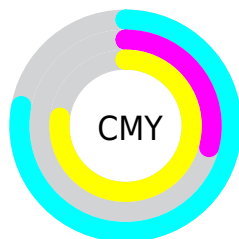


Cyan (69%)

Magenta (0%)

Yellow (67%)

Black (29%)



Cyan (78%)

Magenta (29%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39B53B 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 39B53B by changing the saturation by 10% instead.

 39B53B

 39B53B

FFFFFF

 049A1F

 78EE70

 007F00

 96FF8B

 006500

 B3FFA6

 004B00

 D1FFC2

 003400

 EFFFDF

 001B00

FFFFFFC

 000000

 39B53B

 39B53B

 27B529

 4BB54D

■ 15B517

■ 5DB55F

■ 03B506

■ 6FB570

■ 00B503

■ 81B582

■ 94B594

■ A6B5A6

■ B8B5B8

■ CAB5C9

■ DCB5DB

Harmonies

Analogous

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



95A800



39B53B



00BC81

Triad

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



39B53B



00AEFF



FF5877

Complementary

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



39B53B



B539B3

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.



FF58BB



39B53B



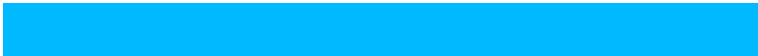
6097FF

Square

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



39B53B



00B9FF



D677F9



FF7337

Rectangle

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



39B53B



00BDB1



D677F9



FF538D

Sweetspot

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



39B53B



B9EBBA



B5B539



587558



F5F5F5



757575

Same Dimension

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



39B53B



2AEB2D



39B577



505950



009902



001A00

Inverse Universe

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



B539B3



EB2AE7



B53977



595059



990097



1A0019

Previews

White Background



This preview shows how the Hex color 39B53B looks on a white background.

Color Contrast Check

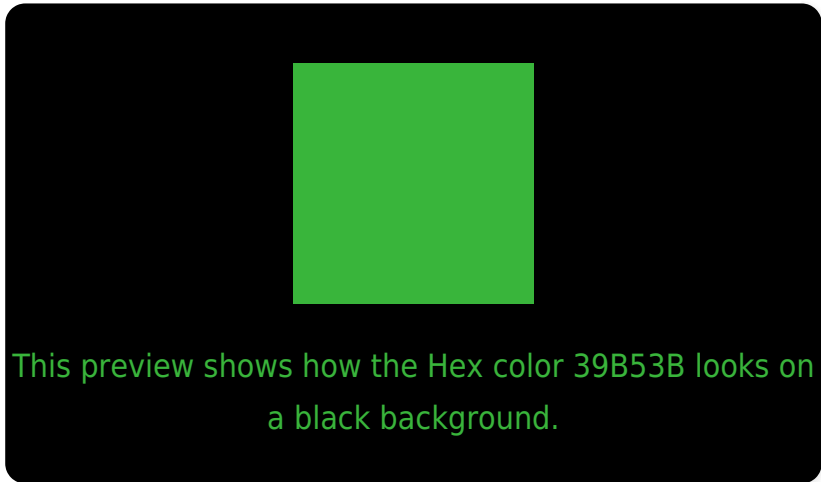
Large Text (above 18pt) WCAG AA × Fail

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 39B53B Background



This preview shows how black text looks on a background with the Hex color 39B53B.

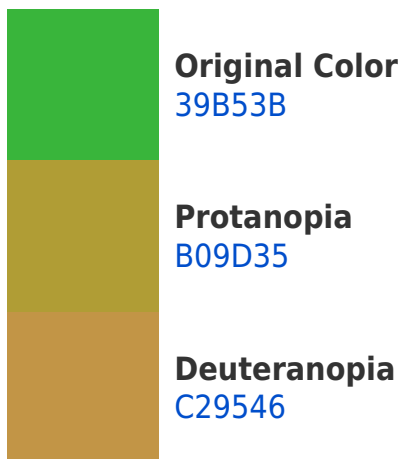


This preview shows how white text looks on a background with the Hex color 39B53B.

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
5AA9B7

Trichromacy



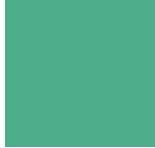
Original Color
39B53B



Protanomaly
85A637



Deuteranomaly
90A142



Tritanomaly
4EAD8A

Monochromacy



Original Color
39B53B



Achromatopsia
828282



Achromatomaly
679568

CSS Examples

Text

The CSS property to change the color of the text to Hex 39B53B 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 #39B53B looks like.

```
.text, #text, p{  
    color:#39B53B  
}
```

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 #39B53B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39B53B
}
```

Border

The CSS property to change the border of an element to Hex 39B53B 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
#39B53B }
```

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

```
.border{ border-color:#39B53B }
```

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

Here you see how a box with a 4 pixel #39B53B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39B53B; -webkit-box-shadow:4px 4px  
4px 4px #39B53B; box-shadow:4px 4px 4px  
4px #39B53B }
```

Background

The CSS property to change the background color of an element to Hex 39B53B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39B53B }
```

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

```
.background{ background-color:#39B53B }
```

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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